



INTERNATIONAL FARM EQUIPMENT BUYER'S GUIDE

SPRING 1969



New IH Monitor-Control 815-915 combines
take guesswork out of combining,
offer new comfort and convenience.



Look through this new IH Buyer's Guide ... then stop in and ask about our **Worth-More Features**

Your IH Dealer will point them out to you: New advancements in power and performance. New concepts in comfort and control and convenience. New achievements in durability and dependability.

IH *worth-more features* make the difference, because these are *key* features. Some of them are exclusive in design that provides greater productivity. Others are exclusive in engineering superiority that assures longer life, less maintenance. But they all add up to the same advantage to you: They make an IH tractor or implement worth more to you . . . *more* when you buy it, *more* when you use it, *more* when you trade it.

Ask your IH dealer about *worth-more features*. It could be one of the most important questions you'll ask this year.



First to serve the farmer

Watch for more new IH farm machinery in the 1969 Summer and Fall Buyer's Guide.

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Trademarks of the International Harvester Company that are registered in the U.S. Patent Office: INTERNATIONAL, McCORMICK, FARMALL, INTERNATIONAL CUB, LO-BOY, CADET, CUB CADET, DISKALL, VIBRA SHANK and . . .



Specifications subject to change without notice



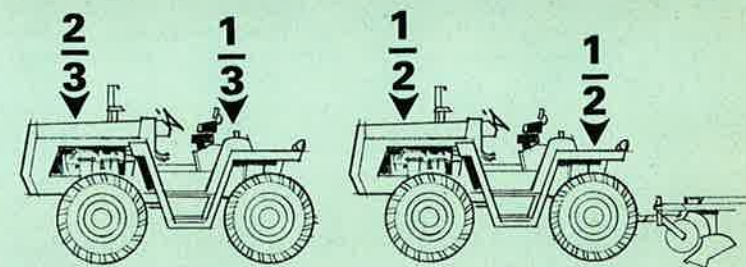
140 H.P. pto; 125 H.P. drawbar (mfr. est. max.)

INTERNATIONAL 4156

Giant workpower

for big fields, heavy tools, tough terrain

Now, more power than ever to meet the big farmer's demands. Tremendous traction and flotation too. Unique type of weight distribution puts more weight to work. One-hand 2- or 4-wheel steer at operator's option. ($13\frac{1}{2}$ foot turn radius in 4-wheel steer.) 2- or 4-wheel drive. Four good tillage speeds. $20\frac{1}{4}$ mph for transport. New 3-point hitch, new quick coupler for hitch, IPTO, air conditioned cab also available. Quieter, cleaner, more comfortable. 100 gallon fuel tank. Big tough 429 cu. in. turbo engine. Proven, strong trade-in. 4156 is the investment that makes sense for any farmer who is ready for 4-wheel drive.



The 4156 puts all its weight to work.

This tractor employs a unique concept in weight distribution that offers distinct advantages in traction and flotation. Unlike conventional tractors, the 4156, when not under load, carries $\frac{2}{3}$ of its weight on the front axle. Under load, weight is transferred to the rear axle from both the implement and the front axle. Result is equal weight distribution over all four wheels, with traction and flotation conventional tractors can't equal. That's why a 4156 gets more work done.



116.12 H.P. pto; 105.82 H.P., drawbar

INTERNATIONAL 1256 TURBO

Power to pull ahead

More productivity, exclusive position comfort design

Now, a more powerful 1256 Turbo . . . built for turbo right from the start . . . pulls ahead on the high-speed, hard-pull jobs. Here's the big turbo tractor with Position Comfort design. And with large diameter, dual-stage dry-type air cleaner; quick coupler; wedge lock wheels; power disc brakes; 1000 RPM IPTO; sturdy quick-change duals; quiet, all-season cab; 38-inch tires (Farmall) . . . and the husky, 407 cu. inch turbo diesel engine with torque reserve to spare for steady pulling. Power-to-weight ratio is excellent. Plenty of useful speeds. Easy shifting plus shift-on-the-go torque amplifier. Two-lever draft control too.



INTERNATIONAL 1256—Turbo features the same power rating as the Farmall model . . . plus wide platform, big fenders, big tires—11.00-16 in. front and 24.5-32 in. rear.



Pressurized cab. Is insulated against sound and weather. Has two-speed pressurizer with cleanable filter. Electric wiper. Tinted glass. Dome light. Reflectors. Rear view mirrors. Turn indicators. Door and windows latch open or closed. With optional quick-acting heater, big capacity air conditioner and radio, you have the best in year-round comfort. This is an exceptionally well built cab. (Optional)



Dry-type dual-stage air filter stops 99.9% of the dust. No messy oil. Electric service indicator included. (Standard)



Protective frame and canopy provides added measure of safety plus protection from the sun. Lined with sound absorbing material. Seat belt included. (Optional, Farmall only)

Position Comfort Design



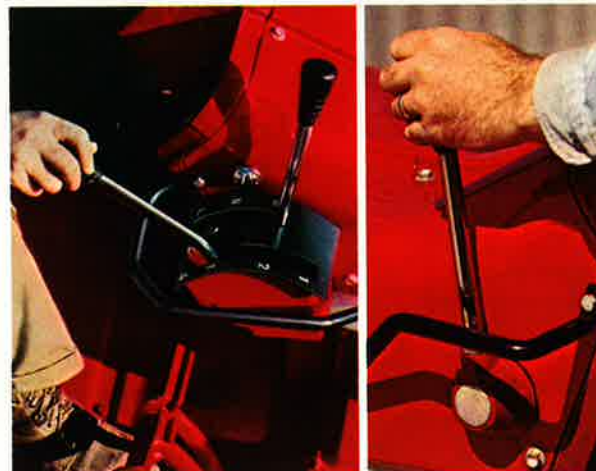
Position Comfort Seat. Fingertip control (1) raises and lowers seat hydraulically. Release catch (2) permits forward and backward movement for leg length. Ride control (3) allows operator to select degree of "cushioning" that's just right for his weight. Underseat adjustment (4) controls angle of seat. (Optional 756 and 856, standard on 1256)



Position Comfort Steering. Locks at five different angles to put the wheel exactly where you want it. (Optional)

Hydrostatic Power Steering. It's all hydraulic, very smooth, easy and sure. Compare it to other hydrostatic or power assist steering. You'll like International hydrostatic steering best. (Standard)

Leaves you far fresher at the end of the day...756/856/1256 Turbo



8 Forward, 4 Reverse speeds are standard. New "H" pattern shifting provides neutral between HI and LO ranges. Shifting is exceptionally easy. Lighted for night work. And with optional Torque Amplifier (right), you can shift-on-the-go to reduce speed 22% and get up to 28% more pull in each gear. Use TA through tough spots . . . or to slow down for turns. Get heavy loads started then shift up. Keep PTO speed up while reducing ground speed, harvesting, etc.

- Power Steering. Power disc brakes. Power shift IPTO.
- Draft control hitches with accurate lower link sensing . . . 2-lever control.
- Dyna-Life clutch.
- Quick adjust Wedge Lock Wheels.
- Dry-type dual stage air filter with automatic dirt unloader, cleanable element and final safety element plus pre-cleaner-deflector (756 and 856) ahead of radiator. Electric service indicator included.
- Quick Couplers for 3-point hitches.
- All-Wheel Drive Attachment for 756, 856, 1256 Turbo.
- 756 and 856 Hi-Clear models.
- Built rugged, proved dependable from end to end.



756 76.56 pto and 68.29 drawbar hp gasoline, 76.30 pto 68.41 drawbar hp LP gas, 76.09 pto and 69.03 drawbar hp diesel.

856 100.49 pto and 90.09 drawbar hp diesel, 93.27 pto and 81.04 drawbar hp gasoline, 93.42 pto and 84.37 drawbar hp LP gas.

INTERNATIONAL 756 and 856

High-speed, hard pull tractors

...with position comfort design

These tractors are built to get out and *pull* . . . at speeds that help you finish fast. Rugged, reserve torque engines, steady power. Plenty of useful working speeds, exceptionally easy shifting plus shift-on-the-go torque amplifier. Exclusive torsion bar draft control provides steady plowing that saves time and fuel. Dual-stage dry-type air filter; quick coupler; wedge lock wheels; power disc brakes; dual shaft powershift IPTO; sturdy quick-change duals; all-season cab; and more. These are tractors you can trust. Ask any Farmall or International owner.

International 756/856 tractors have all the power and operating advantages of the Farmall models in tractors specifically designed for standard tread work. Big, steady workers for big country farming.





GEAR DRIVE 656 63.85 pto and 54.94 drawbar hp gasoline. 61.52 pto and 54.90 drawbar hp diesel.

HYDROSTATIC 656 66.06 pto and 52.12 drawbar hp diesel. 65.80 pto and 51.88 drawbar hp gasoline.

INTERNATIONAL 656

Most productive tractor

in the 60-plus hp class: first hydrostatic farm tractor

656 is the heavyweight in its class. Built like our biggest tractors — with husky, easy-working engines, accurate draft control hitch with 2-lever control, hydrostatic power steering, big platform, shockproof lights, Dyna-Life® clutch, and many more valuable standard features. Five speeds forward, one reverse. Shifts as easily as a car. Optional Torque Amplifier provides 10 forward and 2 reverse

speeds. And there's a forward reverse drive available that gives you five speeds each way (great for a loader). The 656 is reasonably priced, reasonable to run — with top-capacity loads or light tools. Widely accepted for dependability and high productivity. Test a gear drive 656 or the amazing hydrostatic drive. For more information on Hydrostatic All-Speed Drive, see page 8.

656 and 544 features

- Famous Multi-Range engines provide full governed power across a wide RPM range. Shift up and throttle back for economy, speed you want.
- Dry-type air cleaner.
- Draft control hitches. Accurate load control. Adjustable drawbar standard.
- Shift on the go with optional IH torque amplifier. Pull back lever to reduce speed 33% and get 45% more pull. Slow down for turns, shift up on-the-go. 10 FWD, 2 REV speeds.
- Hydrostatic power steering is standard.
- Comfortable adjustable seats.



Exclusive 656 and 544 Hydrostatic All-Speed Drive

Now, exclusive Hydrostatic All-Speed Drive transmission on 656 and 544 gives you any speed you want from 9 in reverse to 20 MPH forward . . . change on the go, under load or with no load—no clutch, and without touching the throttle. Just by moving the Speed Ratio (SR) control.

GEAR DRIVE 544 52.95 pto and 45.44 drawbar hp diesel. 52.84 pto and 45.51 drawbar hp gas.

HYDROSTATIC 544 55 pto and 42 drawbar hp gas and diesel (Mfr. est. max.).

INTERNATIONAL 544

Built like our biggest

Outperforms the others: and it's available with Hydrostatic All-Speed Drive.

We wanted the 544 — new entry in the 50 to 60 horsepower class — to be every inch a member of the same family as the big and outstanding 856. And it is! From big tractor looks to a whole series of “worth-more” features, including two new, smooth-working engines. Durable Dyna-Life® clutch. Alternator for sure starts. Dry-type air cleaner to protect the engine. Comfortable seats. More deck-room. Luminescent gauges. Easy shifting. Handy

controls. And Hydrostatic power steering.

IH tractors in the 60 HP and up size have earned excellent farmer acceptance . . . based on solid performance and high trade-in value. Now, 544's bring the same advantages to farmers using 50 to 60 HP tractors. For proof, test drive a new 544 soon. And be sure to see the 544 Hydrostatic All-Speed Drive tractor. See for yourself what a big boost in productivity this amazing new drive provides.

Greater productivity

... better quality work with exclusive
HYDROSTATIC ALL-SPEED DRIVE—
International 656 and 544!

An International Hydrostatic tractor will outproduce a gear drive tractor on just about any job . . . especially the planting, fertilizing, cultivating and PTO work that accounts for a large portion of the work most tractors do.

With Forage Harvester—make instant, on-the-go-speed changes without touching the throttle. Go slow for tall crops, faster for small crops . . . keep full PTO speed at all times. Prove it to yourself: you get more *tons per hour* with a Hydrostatic tractor—*greater productivity*.

When baling with Hydrostatic, go fast on light windrows, slower through heavy spots. Hydrostatic All-Speed Drive lets you regulate speed to maintain even flow, for equal sized bales and maximum hourly output—*greater productivity*.

Precision Planting for top yields is as easy as moving the SR (Speed Ratio) control and watching the speedometer. And what a relief to be able to apply chemicals at the speed specified—*greater productivity*.

Loading, too. With Hydrostatic you go forward . . . stop . . . reverse without touching the throttle or clutching—just by moving the SR control forward and rearward. You get heaping loads faster, move more loads per hour—*greater productivity*.

Cultivation gets done faster because hydrostatic provides the fastest possible cultivating speed that field conditions and the rules of safety will allow.

No question about it, a 656 or 544 Hydrostatic tractor gets greater productivity on almost every job . . . and especially with PTO equipment. Think it over. Test one soon and see for yourself.



Chop extra tons of forage per hour.



Plant and apply chemicals at *precise* speed needed.



Bale more tons per hour.



Move more loads per hour.



Cultivate at optimum speed.



38.09 pto and 33.11 drawbar hp gasoline; 36.91 pto and 32.87 drawbar hp diesel.

You can't beat a 444 with standard differential lock and optional forward-reverse drive for loading.

Forward-Reverse Attachment gives you eight speeds each way. Lets you switch from forward to backward in any gear without touching the regular shift levers. Each reverse speed is about 19% faster than forward.



INTERNATIONAL 444

All-around action tractor

for profit-minded farmers

Now—step ahead with the spunkiest first tractor or helper in its class. With power to put more work behind you. It's highly versatile... actually fun to drive. 444 has the features you want: accurate draft control hitch; differential lock; 8 speeds forward, 2 reverse; constant-running PTO (or optional transmission PTO) and comfortable adjustable seat. It's nimble—8½-foot turning radius with regular steering or optional hydrostatic power. Economical engines, gas and diesel. This time get more for your money. Get the action-tractor International 444. It's the low, tough, take-charge utility tractor. Speedy with a loader. Sturdy on heavy tillage. Compared to the other 3-plow utility tractors, a 444 will show you more of the work and comfort features you count on to finish faster and easier.

The American farm's first family of lawn and garden tractors

CUB CADET 72
7 HP All-Gear Drive



CADET 60
Riding Mower
6 HP — 32-inch cut



CUB CADET 124
12 HP All-Gear Drive



CUB 154 LO-BOY
15 HP



CUB CADET 105
10 HP Hydrostatic Drive



CUB CADET 125
12 HP Hydrostatic Drive



CUB CADET 104
10 HP All-Gear Drive

Five new Cub Cadet® tractors get chores done faster. Each has the famous "direct drive"—all metal with heavy, precision-cut gears, and ball-and-roller bearings from engine to axle. (*No belts to frazzle, break, or waste power.*) 12 horsepower model 125 and 10 horsepower 105 have Hydrostatic drive—one-lever control of direction, braking, and infinite speed selection from zero up to 8 mph forward, zero to 4 mph reverse, 124, 104, and 72 models feature "sports car" shifts with 12, 10, and 7 horsepower respectively. All Cub Cadets have cold-weather starting; built-in safety features; natural controls; long-life construction; brand-new Quick-Attach implements.

Cadet 60 Riding Mower offers more features . . . more attachments for four-season use—mower, dump cart, front-mounted blade. And six H.P. engine for go and stamina. Full-length steel frame. High-back, upholstered, seat. "Dead-man's control" for safer mowing. Tough fiberglass body. 24" turning radius. Rotary mower cuts a 32" swath, adjusts on the go for 1½ to 4" cutting heights. Two foot pedals control forward and reverse—four speeds in each direction.

NEW

International Cub® 154 Lo-Boy® New! A work-styled tractor with horsepower, comfort, maneuverability and extra features specifically designed to meet today's needs. The 154 offers a more quiet, water-cooled engine with increased rpm to 2200; independent PTO at 1800 rpm; a work-proved 3-speed transmission; cleaner, safer deck; convenient panel-cluster controls; and many other features. 15 H.P. water cooled engine.

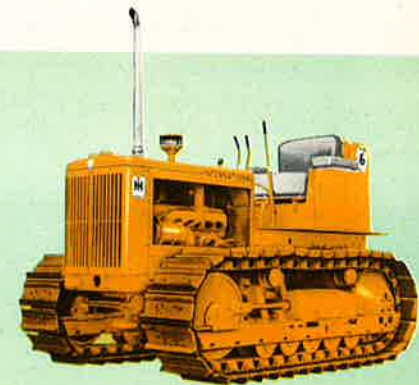


Outstanding Utility power

International Cub 10.4 belt and 9.9 drawbar H.P. —gasoline. Versatility in a class by itself. Cub features offset design...Touch Control hydraulics... good speeds... driving comfort and quick steering, perfect for loading, mowing, hauling, etc. A Cub lasts years and years (some of the first Cubs are still on the job) and keeps its resale value.



International 500. 36 hp PTO and 30 drawbar hp (mfr. observed). Gasoline or diesel. 5 forward speeds. Available with Torque Amplifier. 1000 hour track roller lube interval. A rugged dependable worker.



International TD-6 has 53 pto and 45 drawbar observed hp. 5-6 plow power. Five forward gears. Tremendous lugging ability. Pulls 2,150 to 11,000 lbs. at speeds from 1.3 to 6.6 mph. Track rollers have 1,000 hr. lube interval.

INTERNATIONAL 140

Never equalled

for delicate, high-value crops

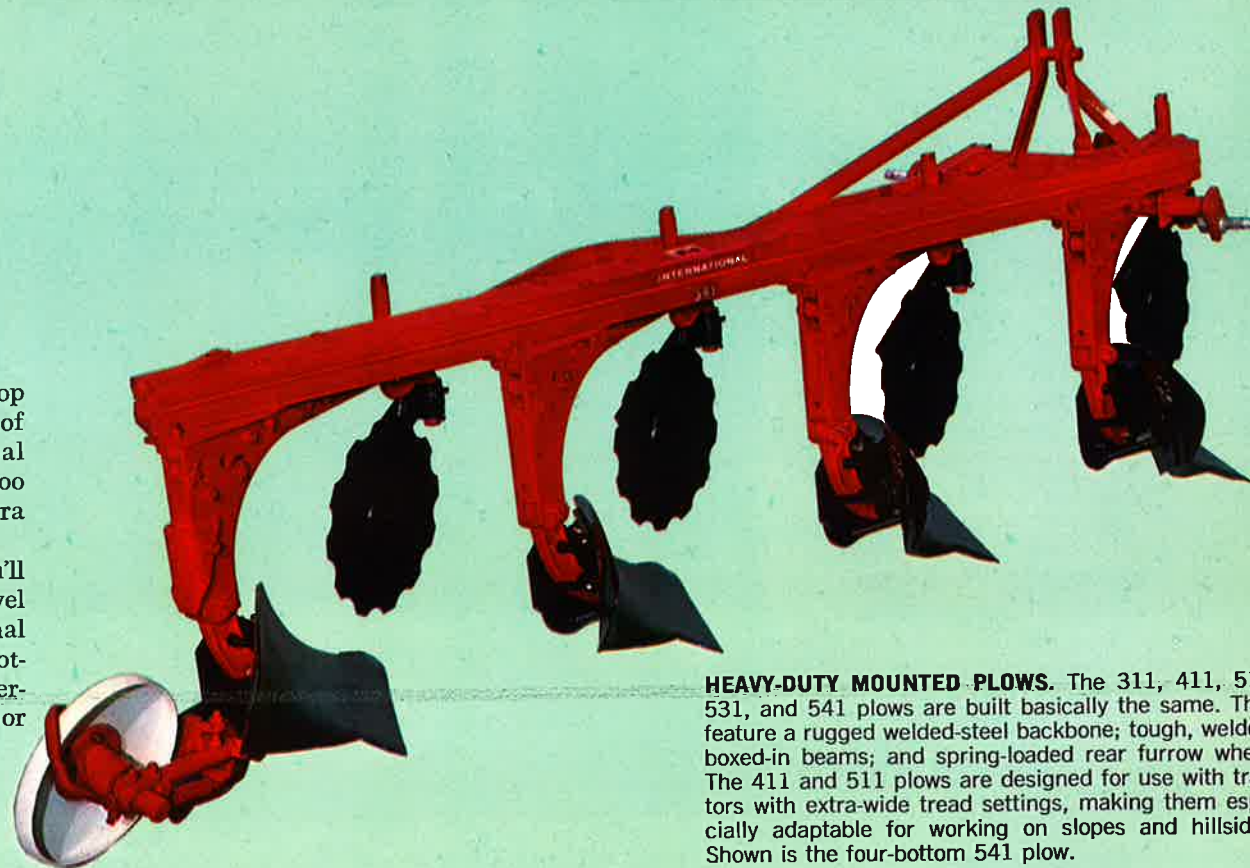
IH Culti-Vision offset design offers perfect visibility for fast, hoe-close cultivation of young, tender, valuable crops—bedded, flat or furrowed. You can move along an inch from the row, knowing you have a clear view of the work.

Sensitive, accurate Touch-Control hydraulic system gives you fast-acting command of all implements. 8½-foot turning radius . . . accurate worm-gear steering . . . four-speed transmission . . . optional Fast-Hitch. There's a full line of Fast-Hitch and forward-mounted equipment for every application, including one-row cultivator that hooks on in five minutes. Hi-Clear model 140, also available, offers same power and handling plus 27-inch crop clearance.

Cost-saving mounted plows

You'll enjoy the convenience of quick hitching, top maneuverability plus the trailing-plow quality of work you get with these rugged International mounted plows. There's an economy advantage, too . . . you save the cost of wheels, axles, and extra cylinders.

High clearance lets trash roll right through. You'll bury trash 12 inches deep . . . leave a smooth, level field. And when it comes to strength, International plows offer the type of construction that keeps bottoms in perfect alignment . . . assures like-new performance year after year. Select the size, 3, 4, or 5 bottoms, to match your tractor power . . . and the type of protection, spring-trip or automatic beams, to match your farming conditions.



HEAVY-DUTY MOUNTED PLOWS. The 311, 411, 511, 531, and 541 plows are built basically the same. They feature a rugged welded-steel backbone; tough, welded, boxed-in beams; and spring-loaded rear furrow wheel. The 411 and 511 plows are designed for use with tractors with extra-wide tread settings, making them especially adaptable for working on slopes and hillsides. Shown is the four-bottom 541 plow.

HEAVY-DUTY MOUNTED PLOWS

Model	Number Bottoms	Type Beams	Hitch
311	3	Spring-trip	Fast-Hitch
411	4	Spring-trip	Fast-Hitch or Cat. II 3-point
511	5	Spring-trip	Cat. II 3-point
531	3	Spring-trip	Cat. II 3-point
541	4	Spring-trip	Cat. II 3-point
450	3 or 4	Automatic	Cat. II 3-point
450	3, 4, or 5	Spring-trip	Cat. II 3-point

309A THREE-BOTTOM and 209A two-bottom plows attach quickly and easily to tractors with Category I 3-point hitch. Fourth beam attachment available to convert the 309A to four bottoms.

POPULAR PRICED MOUNTED PLOWS

These plows work up to 10 inches deep . . . do a job that can't be matched by others in their price class. Frames are made of heavy steel members bolted solidly together, keeping bottoms in true alignment. Big 24-inch vertical clearance for non-plug plowing. Spring-trip or shear-pin beams.

215 TWO-BOTTOM PLOW. The 215 floats free, cutting furrows that are uniform in width and depth. Shear-pin or spring-trip beams available. For Farmall 140 tractors with Fast-Hitch.



450 PLOW WITH AUTOMATIC BEAMS plowing in new ground. Note the heavy roots, and, even though the first three bottoms are in various stages of tripping, the plow remains absolutely level.

Best in its class

The International 450 is the finest mounted plow you can buy. It offers everything you need—huge 30-inch vertical and 26-inch fore-and-aft clearance . . . massive 5 x 5-inch box back-bone and extra-husky beams . . . trouble-free automatic or spring-trip beams.

Fully automatic beams let you plow non-stop in rock or stump infested fields. Bottoms automatically ride up and over sloping obstructions. If a bottom hits a hooking obstruction the beam trips, automatically resets, and instantly returns to preset plowing depth. Spring-trip beams swing free when a bottom hits a rock or obstruction. They are quickly reset by backing the tractor.

The 450 is available with automatic beams in 3 and 4-bottom sizes . . . with spring-trip beams in 3, 4, and 5-bottom sizes.

450 PLOW WITH SPRING-TRIP BEAMS

THE 700 SEMI-MOUNTED PLOW is available in 4/5, 5/6, 6/7 and 7/8-bottom sizes. Choose spring-trip (shown), shear-pin trip, or automatic beams. All three types have the same convertible features . . . extra-heavy construction . . . huge trash clearance . . . steerable tail wheel . . . and the same wide selection of hitches.

Turn short... plow deep and clean

Hitch your tractor to an International steerable plow . . . you'll find it's the easiest plowing you will ever experience. It follows your tractor like a shadow, lets you make tight turns . . . you swing around narrow headlands and through gates with ease. In addition, it offers you all the outstanding features common to the IH plow line.

Try one of these rugged big-clearance plows! Put it in the toughest ground and heaviest trash you can find, and watch it do all you could ever ask of any plow — and more.

THE 500 SERIES SEMI-MOUNTED STEERABLE PLOWS are easy to handle . . . give you outstanding maneuverability. Independent hydraulic control of front and rear of plow assures fast penetration and square headlands. Available in 6, 5, 4, and 3-bottom sizes. Category II 3-point hitch or Fast-Hitch . . . on-land, in-furrow and hydraulic shifting hitch, depending on model.



Here's real "keep going" farming

700 SEMI-MOUNTED PLOW . . . 4 TO 8 BOTTOMS

Tired of stopping, shifting, backing up and shifting every time you hit a rock or stump? Then try a 700 semi-mounted plow with automatic beams. You'll find that with this amazing plow you'll work more acres per day and do it easier. You'll save fuel . . . save your equipment too!

IH automatic beams operate independently, so two, three, or even all eight can rise or trip at the same time without affecting the tripping action of other bottoms.

The extra-husky 700 plows up to 12 inches deep. Huge clearance — 30 inches vertical, 28 inches fore-and-aft — lets heaviest cover flow through without plugging. A massive 5 x 5-inch welded box backbone provides unyielding rigidity . . . holds bottoms in perfect alignment, even when plowing maximum depth in hardest soils. Four to 8-bottom sizes. Select in-furrow or on-land hitch with 3-point or Fast-Hitch, or standard drawbar hitch, depending on plow size.

ONLY IH AUTOMATIC BEAMS GIVE YOU TWO-WAY PROTECTION

Hit a sloping rock and the bottom rides up (bottom at right) and over and immediately returns to preset plowing depth. This vertical action protects shares and bottoms, yet reduces tripping action by 80 to 90% . . . keeps unplowed spots to a minimum. Hit a flat-sided rock or get beneath an obstruction and the bottom trips (bottom at left), resets automatically, and immediately returns to preset plowing depth.



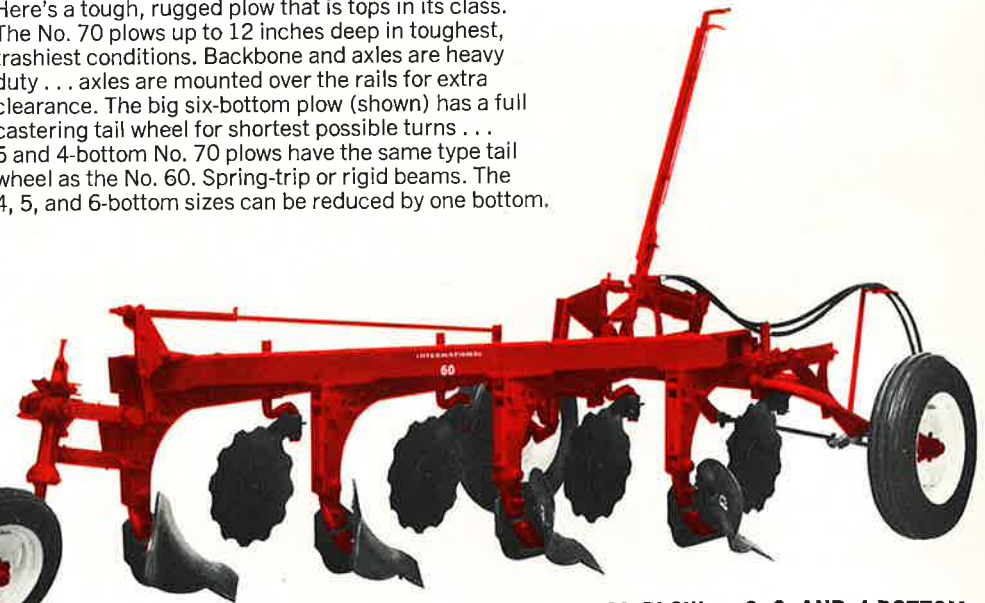


Rugged from hitch to tail wheel

International trailing plows have an outstanding reputation for rugged strength, big trash clearance, and all-around plowing ability. Check and compare. You'll find that from hitch to tail wheel you're buying quality and dependable performance when you buy International. Whether you require the extra-husky, big-clearance 700, the heavy-duty 70, or the popular-priced 60 plow, you'll do the finest job of plowing in your area. There's a wide choice of bottoms, colters, and equipment to match your soil conditions exactly.

70 PLOW . . . 3, 4, 5, AND 6-BOTTOM

Here's a tough, rugged plow that is tops in its class. The No. 70 plows up to 12 inches deep in toughest, trashiest conditions. Backbone and axles are heavy duty . . . axles are mounted over the rails for extra clearance. The big six-bottom plow (shown) has a full casting tail wheel for shortest possible turns . . . 5 and 4-bottom No. 70 plows have the same type tail wheel as the No. 60. Spring-trip or rigid beams. The 4, 5, and 6-bottom sizes can be reduced by one bottom.



60 PLOW . . . 2, 3, AND 4-BOTTOM

The popular-priced No. 60 plows up to 10 inches deep in most soil and trash conditions. Choice of rugged spring-trip or rigid beams, both with the trim design that gives more-than-enough trash clearance. Exclusive IH tail wheel trails for high-speed transport, yet pivots for turns . . . locks rigid when plowing to hold correct landside clearance. Full casting tail wheel available on four-bottom model. Four and three-bottom sizes are reducible.

Extra husky... extra clearance

700 TRAILING PLOW . . . AUTOMATIC OR SPRING-TRIP BEAMS . . . 4 TO 8 BOTTOMS. You'll profit more from cleaner, non-plug plowing with an International 700 trailing plow . . . because a good crop begins with good plowing. The 700 plow is built extra-strong, handles toughest soil conditions at high speed with big power tractors . . . has extra big clearance to let trash roll through without plugging . . . and you can choose revolutionary automatic or rugged spring-trip beams for worry-free plowing. But that's not all, the 700 trailing plow has a reversible hitch for on-land or in-furrow plowing . . . full castering front and rear furrow wheels for short turns . . . independent hydraulic control of front and rear wheels that lets you pitch the plow for fast penetration. Available in 4, 5, 6, 7, and 8-bottom sizes.



**700 TRAILING PLOW
WITH
AUTOMATIC BEAMS**

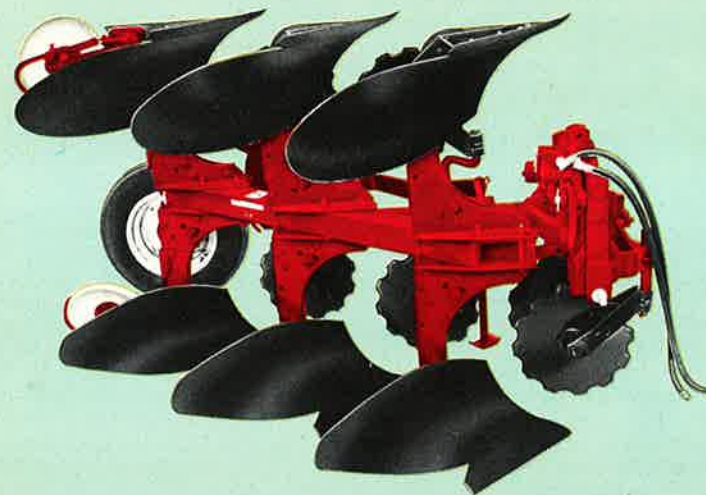


**700 TRAILING PLOW
WITH
SPRING-TRIP BEAMS**

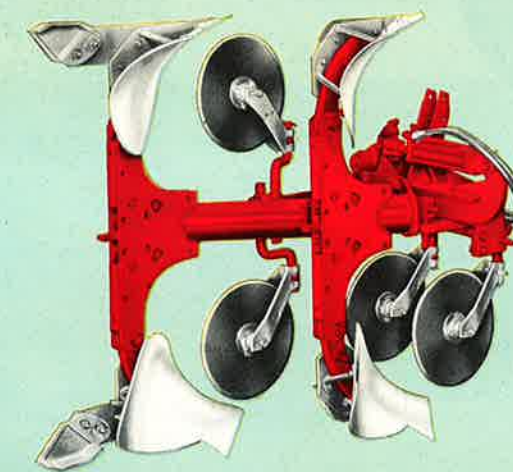


Fast hydraulic rollover... deep level plowing

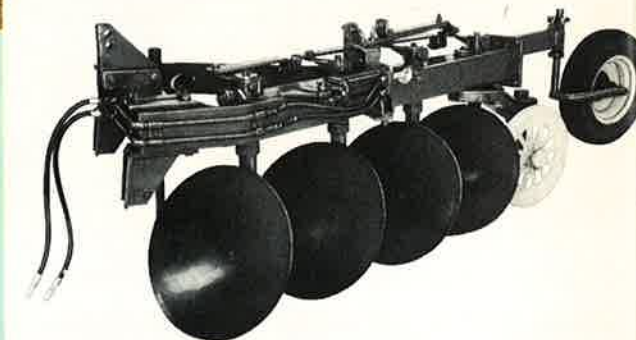
642 FOUR-FURROW TWO-WAY PLOW keeps pace with big tractor power . . . cuts big acreage down to size fast . . . plows up to 14 inches deep. It can easily be reduced from a four to a three-furrow, or converted from a three to a four-furrow by means of a bolted-on fourth beam assembly. Available with Category II 3-point hitch or Fast-Hitch. Spring-trip or rigid beams.



314 THREE-FURROW TWO-WAY PLOW has the built-in stamina to stand up under the abuse of toughest soils. Rugged, welded-channel backbone, and big clearance for non-stop plowing as deep as 14 inches. Category II 3-point hitch or Fast-Hitch. Spring-trip or rigid beams.



620 TWO-FURROW TWO-WAY PLOW has a tubular backbone, one-piece beams, and welded construction. Positive hydraulic rollover for fast, easy rotation of bottoms. Spring-trip or shear-pin trip beams. Close coupled design for lower hp tractors with Category I 3-point hitch.



1-46 TWO-WAY DISK PLOWS. These rugged disk plows work up to 15 inches deep. Solid and dependable, they'll take the toughest plowing in stride, whether it's working in irrigated fields, sun-baked soil, heavy roots, or building terraces. The 1-46 is available in 4 or 5-furrow mounted models and 4, 5, or 6-furrow semi-mounted models. The unique design of this plow permits converting the fully mounted model to a semi-mounted model by adding a hydraulic-lift rear-wheel assembly.

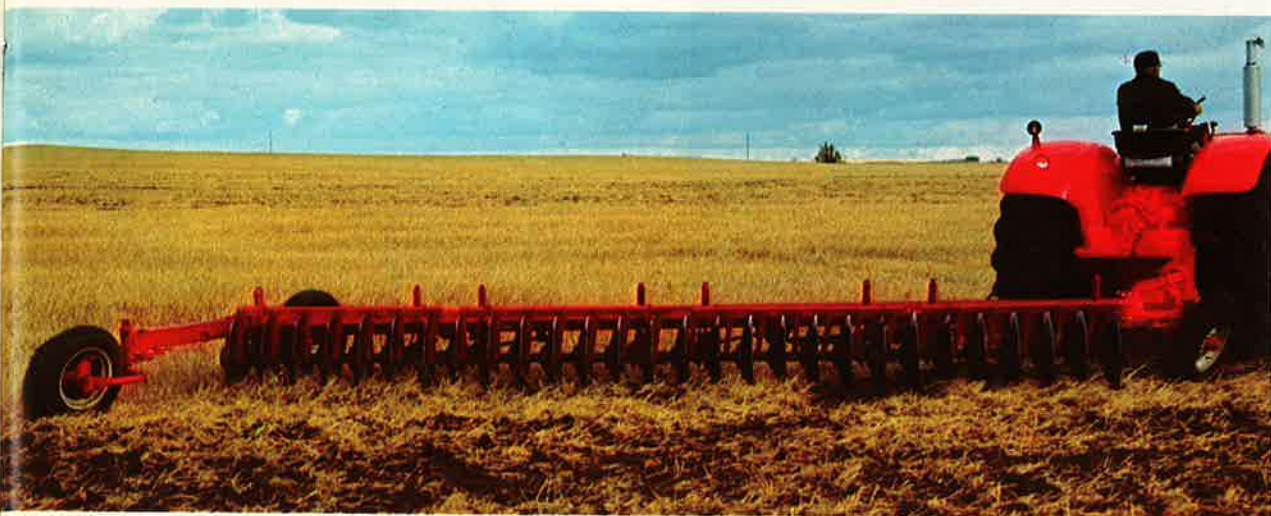


120 RIGID holds the furrow without bounce at high speeds, has extra-strong main frame with a more than 6-inch square box-section beam for toughest plowing and disking up to 9-inch depths. Hitch adjusts lengthwise and laterally to match tractor wheel tread and varying soil conditions. Six sizes from 6-foot, 2-inch to 16½-foot widths. Choice of 22, 24, and 26-inch disk blades spaced 9 inches apart on 1¾-inch arbor bolts.

Tough? You bet!

Big, solid one-way plows provide a profit boosting answer to smooth, big-acreage tillage with fewer ridges and depressions. Because of size and weight, one-way plows need exceptional strength to withstand stresses of big-power farming. International one-ways — from massive box-section beams to carefully heat-treated carbon or alloy steel blades — are the strongest, most rugged plows you can buy.

A simple wrench adjustment prepares the exclusive rear and optional front furrow wheels for work or transport in a matter of seconds . . . typical of many International one-way plow features that help you do a better job faster.



110 FLEXALL has complete flexible design with exclusive ball and socket joints between gangs. Individual gangs mold themselves to terraces, ridges, or gullies; follow ground contour. They are not restricted to straight up and down movement as are some other units. An ideal heavy-duty wide-cut one-way plow for use on rough, uneven fields, it comes in 13½ and 18-foot widths, with choice of from 22 to 26-inch disks that cut 3 to 6 inches in most soils, up to 9 inches in light soils.



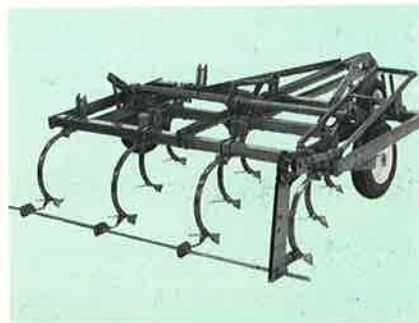
300 DISKALL operates singly or in duplex, with or without seeding and fertilizer attachments. Disks are easily adjustable to 30, 35, 40, or 45 degree cutting angles. With ball and socket gang joints — plus pivot mounting of the gangs — you follow irregular ground contour at uniform depth. As deep as 5 inches with standard 18-inch disks; up to 6 inches with optional 20-inch disks. Working widths are 12 or 16 feet in single machine operations; 24, 28, or 32 feet in duplex operation. Transport width is less than 12 feet.

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55 MOUNTED—for Category II 3-point hitch, quick coupler 3-point hitch or IH Fast-Hitch tractors of suitable power. Basic sizes of 7 and 11 feet are expandable to 9 or 11 feet, and to 13 or 15 feet, respectively.



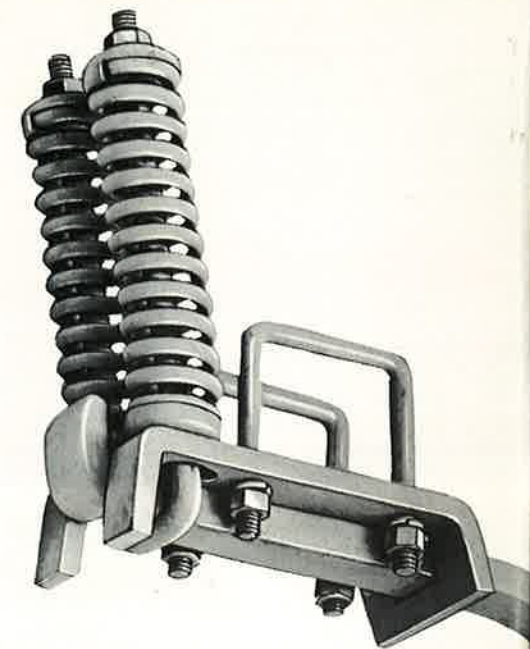
Rod weeder attachment teamed with regular trailing and duplex models rolls uprooted weeds to the surface to dry. Forms moisture-holding litter mulch.



Fields are left smoother with fewer air pockets, smaller clods, better moisture retention, when you mount this mulcher attachment behind your 55 chisel plow.



Ground working tools include twisted shovels (above), regular shovels, chisel points, spike points, regular sweeps and the new "extra action" high lift sweep.

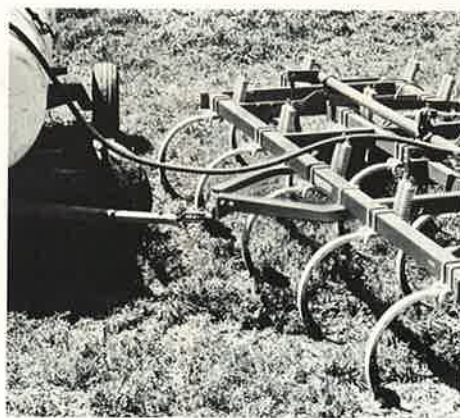


It pays to chisel

New uses for tough tillage tested International 55 Chisel Plows make this powerful deep tillage tool more exciting than ever. Fall chisel plowing of soybean land reduces soil blowing, sets up moisture holding ridges that normally need only one spring disking for excellent seedbeds. The twisted shovel has proven successful in combating tough chemical resistant Johnson grass, does an excellent job in cotton, soybeans and corn stubble. Such new uses add to the long list of important big-power tillage jobs handled by the 55—jobs that require capacity, flexibility, strength, and trash clearance for fast work on big acreages.

55 TRAILING — available in 7, 10, and 13-foot sizes, expandable to 9 or 11 feet; 12 or 14 feet; and 15 to 17 feet, respectively. High clearance model is available in 13, 15, or 17-foot sizes.

Rocking action of patented spring-cushion clamps lets shanks flex almost continuously—works even rocky soils with persistent, aggressive vibration and uniform penetration. There are no pins to wear or fittings to grease. And 30-inch, between-rank spacing, plus 25 inches from point of ground working tools to frame, provide exceptional trash clearance. Vertical clearance is 32 inches on high clearance models. Low cost rigid shanks are available for good chiseling in rock and snag-free land.



Heavy-duty trailing hitch for wing-type and regular trailing model 55 chisel plows can be used for combined tillage with grain drills and other machines.

55 WING TYPE

Center wheels are located outside main frame for excellent transport stability at road speeds. Husky regular and high clearance models are available in basic widths of 22, 25 and 31 feet, extendable to 24 or 26 feet; 27 or 29 feet, 33 or 35 feet, respectively.





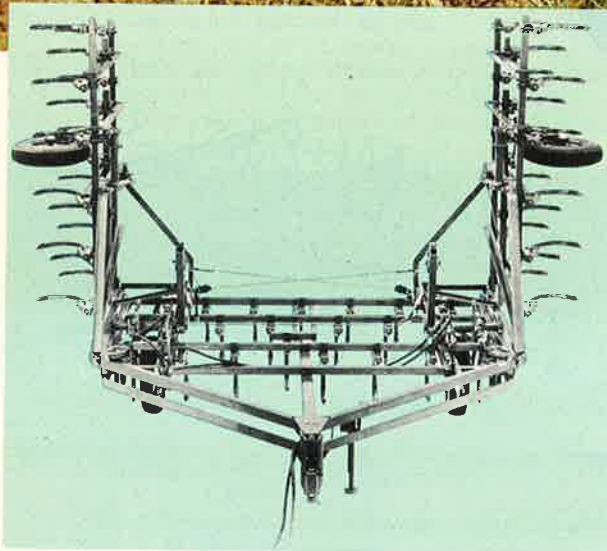
45 TRAILING—Well-balanced and easy to handle, basic sizes are 12½ feet, expandable to 18½ feet; 8½ feet, expandable to 11½ feet (in 1-foot increments). Fore-and-aft shank spacing is 37½ inches between front and center ranks, 25 inches between center and rear ranks. Wide, 11-foot wheel tread on 12½-foot model and 7-foot wheel tread on 8½-foot model provides stability, helps eliminate wobble and bounce behind tractor. The 8½-foot model can be duplexed with International 101 Squadron Hitch for low-cost wide strip cultivation.

Break the trash barrier!

Exclusive vertical vibrating action of shanks, plus exceptional trash, stubble, and obstacle clearance make the International 45 Vibra Shank cultivator the unquestioned leader in modern minimum and secondary tillage practices. Shanks work deep and vibrate rapidly, each with freedom to do its job independently of the others. Takes regular points, twisted points, shovels, or sweeps.



45 MOUNTED—Close-coupled lift-type convenience for easy transport and maneuverability. Basic sizes of 8½ feet (Cat. I or Cat. II hitch) and 12½-foot (Cat. II hitch or IH Fast-Hitch) are expandable in 1-foot increments to 11½ and 18½ feet respectively. Also for tractors with quick coupler. Under frame clearance is 20½ inches. Clearance between front and center ranks is 29 inches; 25 inches between center and rear ranks.



45 WING TYPE—A big machine for covering big acreages at low cost. Center carrier frame is an 11½-foot size on which two 5½-foot hinged frame wings are added to make up the basic 22½-foot size. Width can be extended up to 28½-feet in 1-foot increments. Depth is controlled by two remote hydraulic cylinders operated together or separately—an advantage when working around wet spots. Four well-balanced transport wheels are positioned to help provide uniform cultivation and smooth trailing. Same fore-and-aft shank spacing as for regular trailing model.

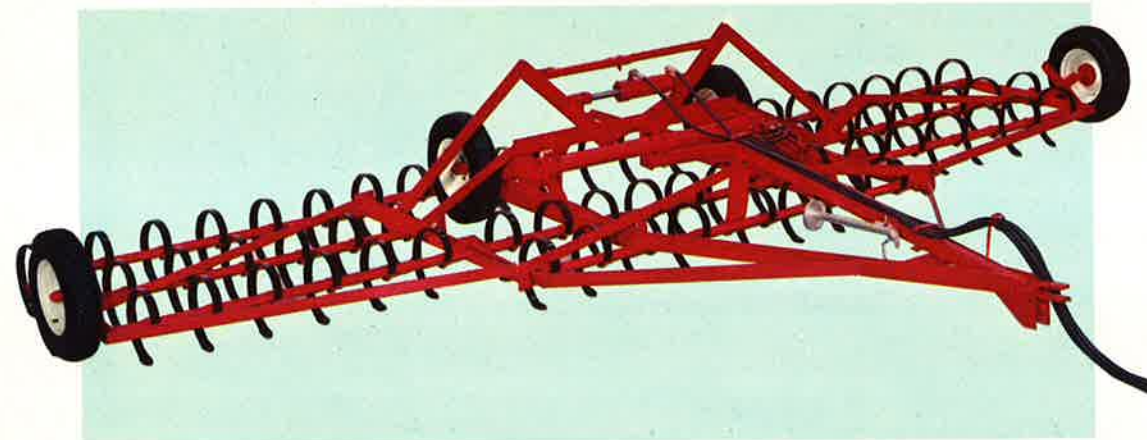
MULCHER ATTACHMENT for direct mounting to frame helps get best possible tillage in tough soils. Mulcher becomes integral part of the implement. It lifts and lowers for turns and transport, folds with extensions or wings, yet has its own spring tension to provide aggressive action independent of the implement.

Wings fold hydraulically—Wings are operated by two double-acting remote hydraulic cylinders and fold on sturdy malleable iron hinges with large pins and bushings. This means more bearing surface for years of trouble-free work life. Positive lock-up of wings assures safe transport. Machine is available without hydraulic wing lift if conditions don't require fold-up for transport.





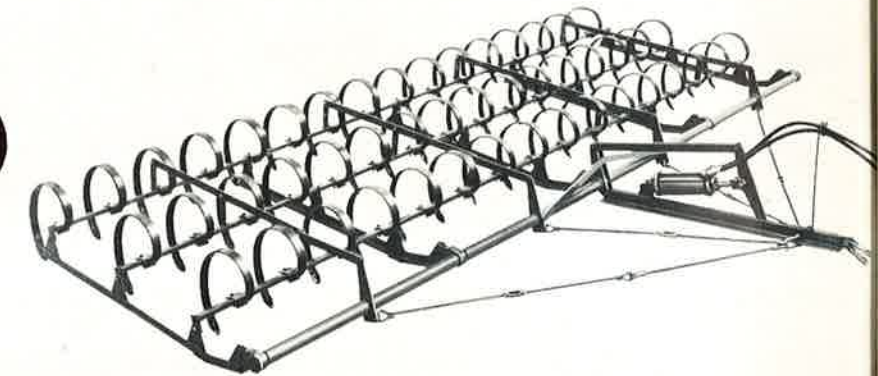
340 MOUNTED SPRING-TOOTH HARROW. The tough, dependable 340 is built to withstand the stress of high-speed, maximum depth work. Being fully-mounted, it permits you to take full advantage of draft control for keep-going farming. Hinged sections provide greatest flexibility for working rough or uneven fields. Hydraulic folding models from 16 to 21-foot sizes . . . non-folding models from 7 to 14-foot sizes. 4½ or 6-inch tooth spacing.



380 WHEEL-CONTROLLED TRAILING SPRING-TOOTH HARROW. Finish your fields quicker and at lowest cost with the big-capacity 380 harrow. All-welded main frame, welded tooth bars, oil-tempered 5/16 inch spring-steel teeth and exclusive no-slip clamps provide the exceptional strength for roughest work behind big power tractors. Hydraulic power lifts and lowers the harrow for quick field turns. Wings fold hydraulically for narrow transport width. Available in 18-foot 3-inch, 20-foot 9-inch and 23-foot 3-inch sizes.

Hustle through toughest

15 HYDRAULIC IMPLEMENT CARRIER. You'll find that big-unit harrows and hoes are easy to handle and transport with the 15 carrier. Speeds work too! The 15 carrier handles up to 20 feet of the 401 spring-tooth harrow . . . four sections of the No. 7 peg-tooth or No. 9 coil-spring harrow . . . or a 14-foot, four-section No. 3 or 4 rotary hoe.



401 TRAILING SPRING-TOOTH HARROW is available in 3 or 4 foot, joined or independent sections. Joined sections with hydraulic, power set, or manual control to 20-foot working widths. Independent sections with manual control to 18-foot working widths. High-strength tubular tooth bars and exclusive non-slip clamps assure proper tooth alignment.

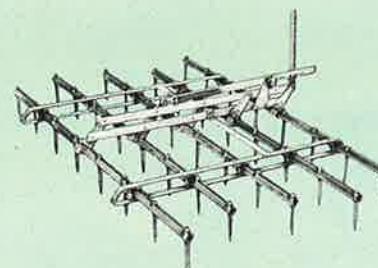
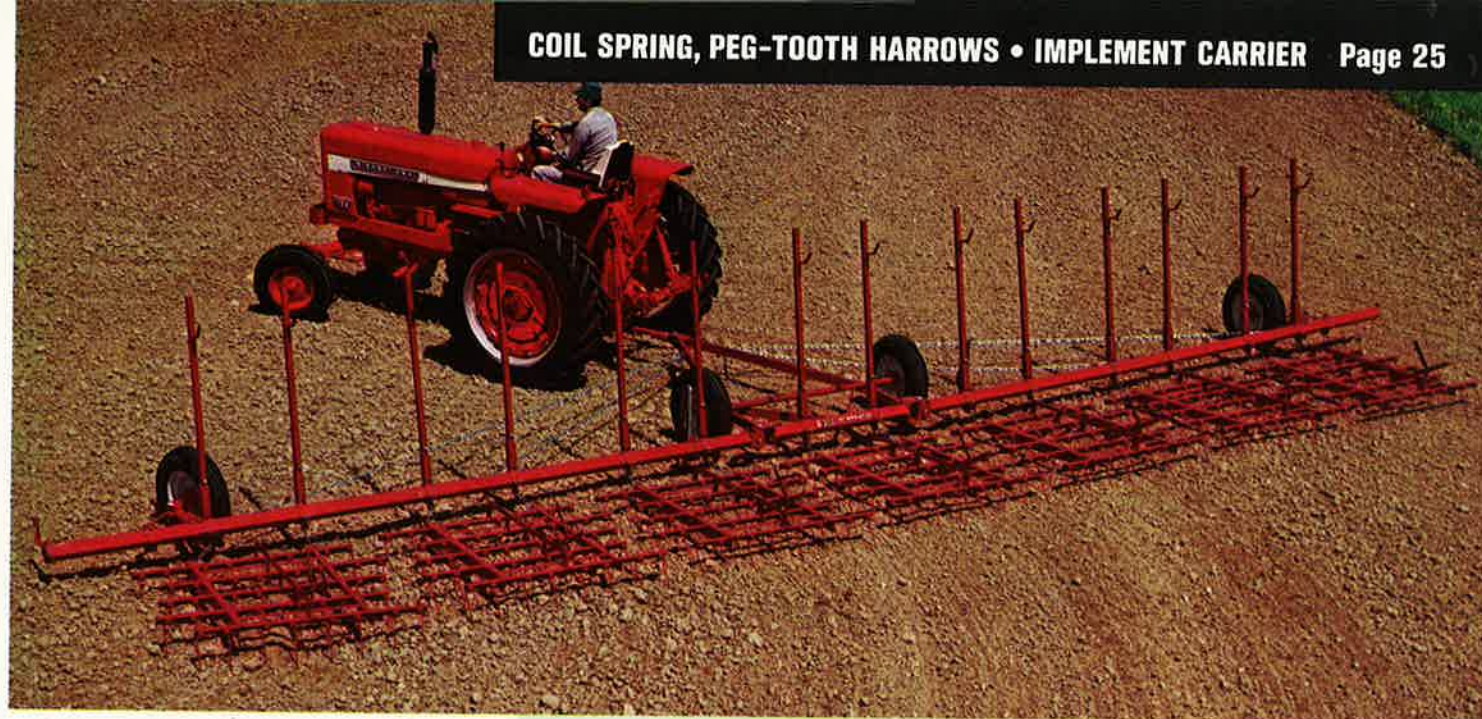
est tillage jobs



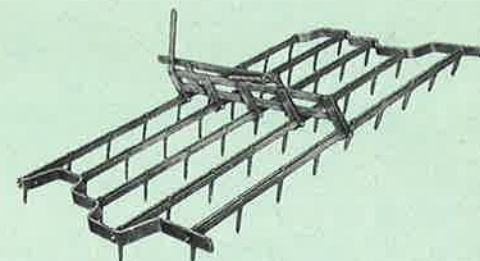
9 COIL-SPRING HARROW is equally effective in preparing seedbeds, early cultivation of row crops, or thinning beets. Double torsion coil-spring teeth vibrate in a 360° working area . . . cover every inch of soil. Handy lever quickly adjusts teeth to the desired angle. Sections are 5 feet, 4 inches wide with 40 teeth per section. Choose 11 or 16-inch teeth. Available with three-section nonfolding and four-section hydraulic folding drawbars for Category I and II three-point hitch and Fast-Hitch, or with 320 implement carrier, as shown.



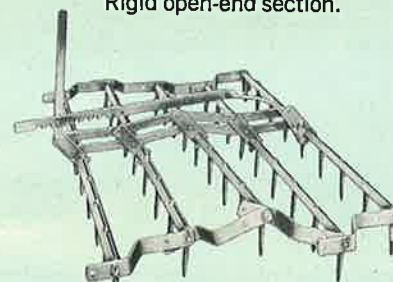
320 IMPLEMENT CARRIER. Hitch your tractor to the popular-priced 320 carrier with a peg or coil-spring harrow and "take-off" in road gear. It's the fast, easy way to handle multi-section harrows. Specially designed hinged risers enable one man to swing harrow sections into transport position in minutes. The 320 is available with drawbars to handle 4, 5, 6, or 7 sections of the No. 7 peg-tooth or No. 9 coil-spring harrow.



Rigid open-end section.



Rigid closed-end section.



Combination rigid or flexible section.



Flexible section.

7 PEG-TOOTH HARROW. You'll like the way the No. 7 breaks up clods and prepares smooth, productive seedbeds. Diamond-shaped teeth, spaced 1.8 inches apart, are electric welded between two heavy angle irons to make an extra-strong one-piece tooth bar that resists binding, twisting or breaking of teeth. Tooth bars are reversible and interchangeable for longer life. The four types of sections illustrated are available in 5-foot, 3-inch, 6-foot, and 6-foot, 9-inch sizes.

Size for size no other Disk Harrow can match an International



The reason? IH engineers recognized the problem of additional stress and strain encountered when disking at today's faster speeds with big, powerful tractors. This knowledge, engineering skill, plus exhaustive field testing resulted in the design and construction of the most durable, trouble-free line of disk harrows in the field today.

These tough, dependable harrows feature husky steel frames . . . rugged, box-section gang bars . . . spring-steel arbor bolts . . . heavy

gusseted standards . . . extra-husky spacing and bearing spools . . . and power-saving, precision, triple-sealed ball bearings. A plus feature, found only in IH disk harrows, is the heavy steel sleeve on which the gang bearing is mounted. This sleeve gives more load bearing surface than offered by any other harrow in their class. Buy the best. Select an International wheel-controlled or mounted disk harrow that's sized for your tractor . . . designed for your conditions.



480 WHEEL-CONTROLLED DISK HARROW.

Make short work of big jobs . . . disk up to 140 acres a day with the big 23-foot, 4-inch 480 disk harrow. This heavy-duty harrow gives you precise control and ease of handling you'd expect only with a much smaller harrow. It has the weight, over 250 pounds per foot of cut . . . and the features—torsion frame, spring-cushioned, self-leveling hitch, precision triple-sealed bearing, and big dual wheels with individual spindles—to give you smooth, deep disking in all soil conditions. Wing-type models available in sizes up to 23 feet, 4 inches . . . non-folding models in sizes from 16 feet, 3 inches to 17 feet, 8 inches.



470 WHEEL-CONTROLLED DISK HARROW.

This popular-priced big capacity harrow has a 12-foot transport width and is the answer to big harrow usage where narrow gates and bridges create a transport problem. Sizes range from 12 to 19 feet in wing-type models . . . 13 feet, 3 inches to 16 feet, 4 inches in nonexpandable models. The top performing 470 has the same basic design as the heavy-duty 480 harrow. It has exclusive, spring-cushioned, self-leveling hitch and torsion frame for smooth, uniform disking. And all through the disk gang assembly, you'll find more shock-absorbing strength — for far longer life, far lower maintenance costs. Wheel tread can be set at either 84 or 120 inches with single wheel. Dual wheels available.



350 WHEEL-CONTROLLED DISK HARROW. One look at the popular-priced 350 harrow tells you it's the best buy in its price class. You get the spring-cushioned, self-leveling hitch which maintains pre-set leveling at all times and cushions shock loads on front gangs. Torsion frame flexing action for uniform work. Triple-sealed precision ball bearings are self-aligning in the field. Minute-quick gang adjustments. Your choice of eight sizes from 7 feet, 10 inches to 15 feet.



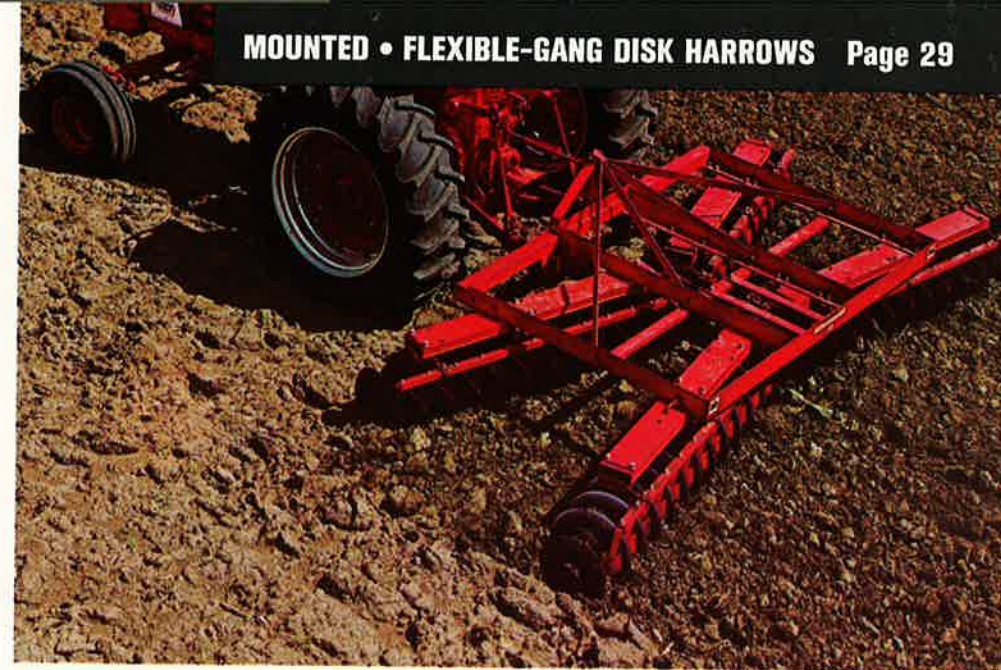
500 HEAVY-DUTY, WHEEL CONTROLLED DISK HARROW. Work up to 9 inches deep with the extra-husky 500 harrow. With a solid 2¼ tons of working weight this rugged harrow cuts and mixes heaviest trash deeply into the soil. You'll find that whether it's working in new land or as a primary tillage implement in cotton ground or rice fields the 500 gives unmatched performance. Spring-cushioned hitch, extra-heavy semi-flex frame, husky 1½-inch round arbor bolt and exclusive interlocking spools provide the type of construction that handles extra-tough jobs with ease. 12-foot, 5-inch to 15-foot, 9-inch sizes. Shown with mulcher attachment.



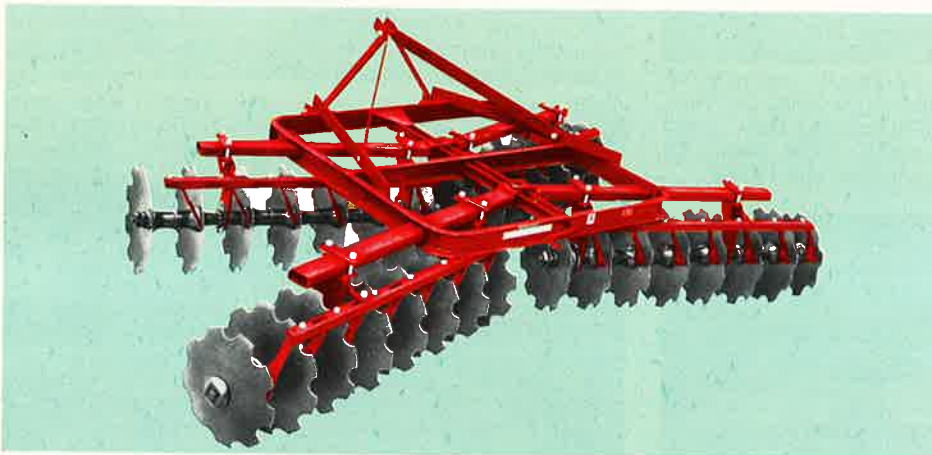
370 WHEEL-CONTROLLED DISK HARROW. The 370 has proved its superiority on farms throughout the country. Torsion frame with built-in give holds gangs to their work, yet flexes to follow ground contour. Well over 200 pounds of weight per foot of cut assures good penetration. Every adjustment is quick and easy, whether it's leveling the harrow, angling the gangs for desired disk action, or adjusting the gangs in or out to eliminate ridging. Available in 8½ to 14-foot sizes. Spring cushion hitch, special.



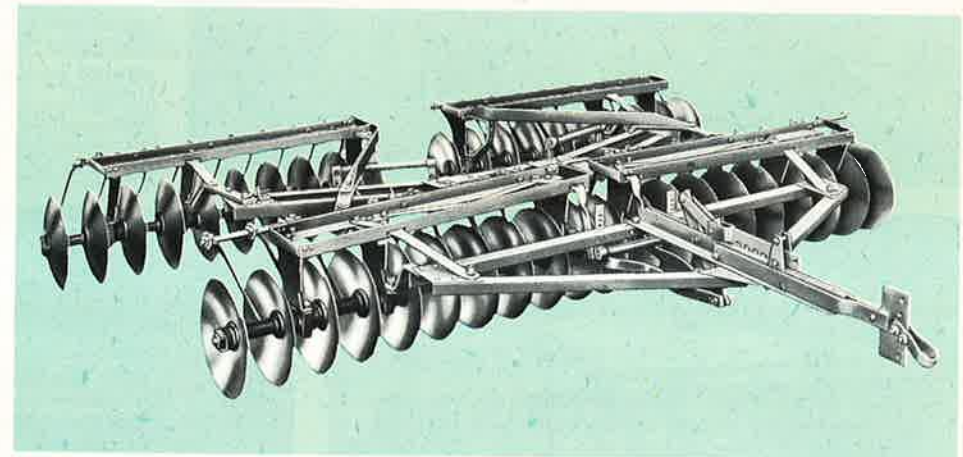
120 FLEXIBLE FRAME MOUNTED DISK HARROW permits quick change of gangs to do the work of a rigid tandem, flexible tandem, heavy-duty bush and bog, or light-duty bush and bog. Turns easily in tight quarters . . . lifts for transport, waterways, or other obstructions. Full-length welded-channel frame, tubular 2 by 4-inch gang bars, 1½-inch arbor bolts, and big heavy-duty spools mean extra years of trouble-free service. Choice of Category I 3-point hitch or 1-point Fast-Hitch. Sizes from 5 feet, 6 inches to 7 feet, 11 inches.



150 EXTRA-HEAVY-DUTY MOUNTED DISK HARROW makes tough disking jobs easy. Over 200 pounds per foot of cut lets you work down plowed sod, row-crop ridges, sun-baked soils. Torsion frame, plus big 8 x 2½-inch box beam gang bars, extra-husky bearing and spacing spools, and cartridge-type self-aligning bearings let you work at full disking speeds in rocky, stumpy fields. Sizes from 13 feet, 5 inches to 15 feet . . . Category II or III three-point hitch.



130 RIGID FRAME MOUNTED DISK HARROW has the weight and "beef" to chop through heavy stubble or work toughest soils. It has a 4-inch welded-channel frame, big 1½-inch arbor bolts, and triple-sealed ball bearings. Exclusive IH design permits both front and rear gangs to be angled individually or simultaneously from the rear of the harrow. Five sizes, from 7 feet, 8 inches to 10 feet, 6 inches . . . 2-point Fast-Hitch or Category I or II 3-point hitch, depending on size.



9A AND 10A TRAILING DISK HARROWS with flexible gangs are available in the size and weight to fit your tillage needs. The No. 9A penetrates deep, handles heavy soils. Available in 7-foot to 13-foot, 3-inch sizes. No. 10A does quality disking in all light and medium-heavy soils. Sizes from 6 feet to 9 feet, 2 inches. Both harrows are equipped with rugged pressure-lubricated white-iron bearings.

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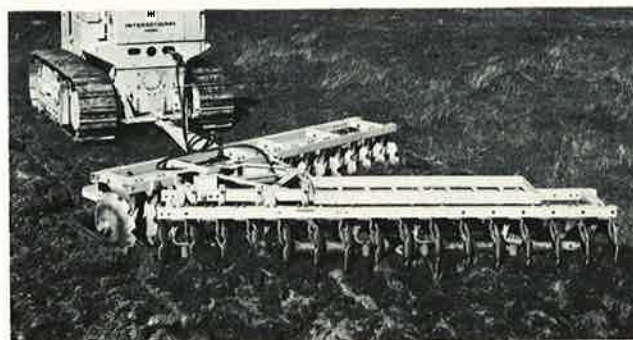


640 WHEEL-CONTROLLED OFFSET DISK HARROW is the "big brother" to the 630 harrow. Up to 465 pounds per foot of cut socks this harrow deep into hard, sun-baked soils. The 640 features extra-heavy all-welded, box section carrier frame and gang frames, plus heavy formed risers welded to the gang frames for exceptional strength . . . tripled sealed precision ball bearings . . . husky 1½-inch-round arbor bolt . . . and exclusive interlocking spools. Three sizes — 13 feet, 8 inches; 15 feet, 4 inches; and 17 feet.

630 WHEEL-CONTROLLED OFFSET DISK HARROW bites into the toughest soil with up to 425 pounds of trash-cutting and mulching ability . . . provides depth controlled disking from shallow penetration to spool-deep primary tillage. Welded box-section carrier frame with corner reinforcements, tubular axle assembly, easy to adjust dial hitch, and rectangular 4½ x 9-inch box-section gang frames make this harrow the best in its class. Six sizes, 7 feet, 10 inches to 13 feet, 8 inches.



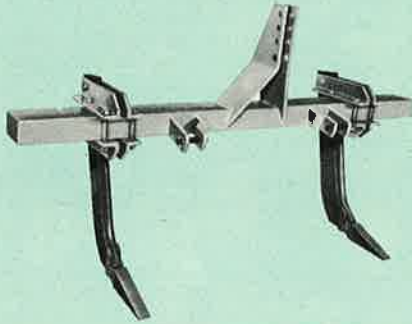
55 WHEEL-CONTROLLED OFFSET DISK HARROW is designed for orchard and vineyard operations as well as open field work. Features precise depth control, full range of adjustments and precision ball bearings to ease draft loads. 6 to 10½-foot sizes.



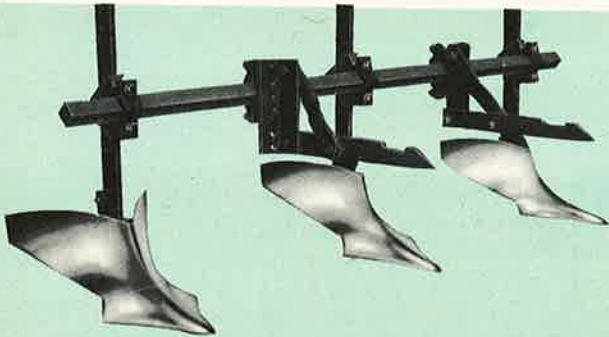
31-B DEEP-TILLAGE OFFSET DISK HARROW provides 600 pound per foot of cut . . . penetrates deep in rock-hard soils . . . cuts heavy brush. Interlocking spools prevent blade-slip and arbor bolt wear. Single models available in sizes from 7 to 16-foot cut . . . squadron models, from 16 to 24-foot cut.



32-B UNA-BEAM OFFSET DISK HARROW is a match for your toughest disking jobs. Clean design, plus strength and clearance provided by Una-Beam construction lets you do an outstanding job even when working deep in heavy growth. The 32-B is available in single, Flexline, and Flexline Squadron models in sizes from 7 feet, 10 inches to 42 feet, depending on model. Nine or 10½-inch disk spacing.



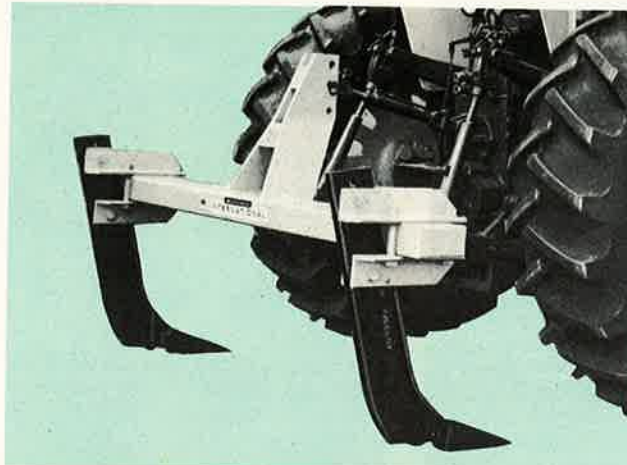
22 TOOL BAR features a $4\frac{1}{4}$ x $7\frac{1}{2}$ -inch box-section tool bar to complement any tractor with Category II three-point hitch or Category II Quick-coupler. Two heavy-duty $1\frac{1}{2}$ x 6-inch subsoiler shanks with long-wearing shins and reversible points are shown on the 22. Six sizes, $4\frac{1}{2}$ to $18\frac{1}{2}$ feet.



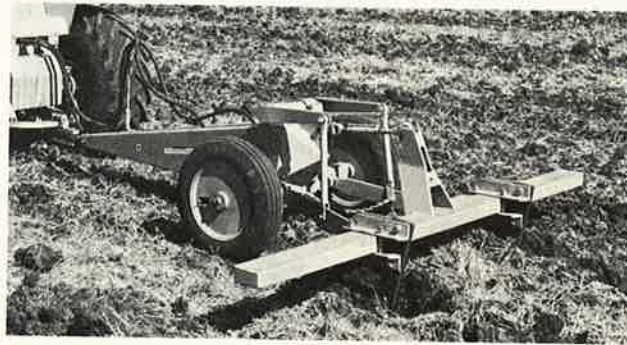
9 TOOL BAR CARRIER mounts on tractors with Fast-Hitch. Choice of $2\frac{1}{4}$, $2\frac{1}{2}$, $3\frac{1}{2}$, or $4\frac{1}{4}$ x $7\frac{1}{2}$ -inch tool bars. Up-and-down adjustments plus pitch adjustments. Full line of ground-working tools lets you tailor equipment to your exact needs.



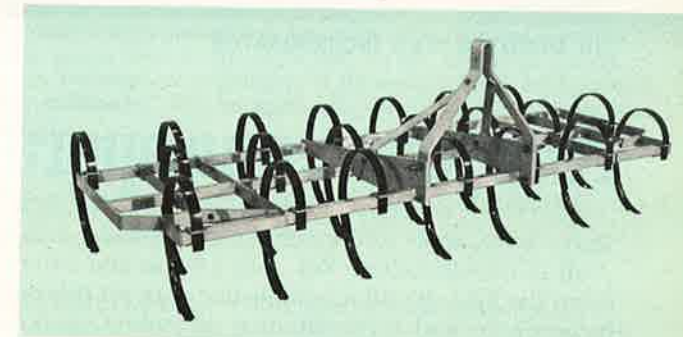
222 HEAVY-DUTY DISK RIDGER has rugged $4\frac{1}{4}$ x $7\frac{1}{2}$ -inch rectangular tool bar. Six-row model for tractor with Category II hitch have one pair of gauge wheels . . . bar length is 21 feet. Eight-row model for tractors with Category II or III hitch has two pair of gauge wheels . . . bar length is $28\frac{1}{4}$ feet. Sets of two-blade adjustable ridgers complete these implements. Transport wheel attachment available.



23 TOOL BAR matches the strength of the 100-plus horsepower tractors with Category II or III three-point hitch. Rugged $4\frac{1}{4}$ x $7\frac{1}{2}$ -inch tool bar in ten sizes from $4\frac{1}{2}$ to 32 feet meets every heavy-duty application. 23 tool bar shown at left with two $1\frac{1}{2}$ x 6-inch subsoilers. Special design permits variety of tools to be clamped on any common row-centers without special clamps.



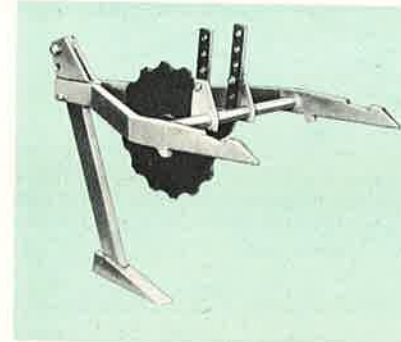
38 TRAILING, THREE-POINT TOOL CARRIER makes three-point equipment available to tractors without three-point hitches. Exclusive feature is the hydraulic lift mechanism that lifts and lowers only the tool bar. Equipped with Category III three-point hitch . . . can be converted to Category II.



331 MOUNTED SPRING-TOOTH HARROW in basic 6 and 8-foot sizes can be built up to 10-foot sizes with extension units. The 331 is ideal for orchards and vineyards where width of harrow can be changed to suit crop growth conditions. Standard or high clearance teeth available. Category I three-point hitch.



222 DISK RIDGER. Four-row model consists of a 14-foot, $2\frac{1}{2}$ -inch square solid tool bar, Category II A-frame with gauge wheels. Six-row model (medium duty) available. Ridgers feature the ability to throw soil either to the left or right to balance side draft. 16 and 18-inch blades standard, 18 and 20-inch blades optional.



SUBSOILERS shatter hard-pan and plow sole . . . condition the soil to absorb water more readily. The No. 8 Subsoiler (right), for tractors with Category I hitch, opens up the soil to a depth of 16 inches . . . the 21 Subsoiler (left), for Fast-Hitch tractors, penetrates 20 inches deep. Rolling colter available.



710 MOUNTED SLED INCORPORATOR

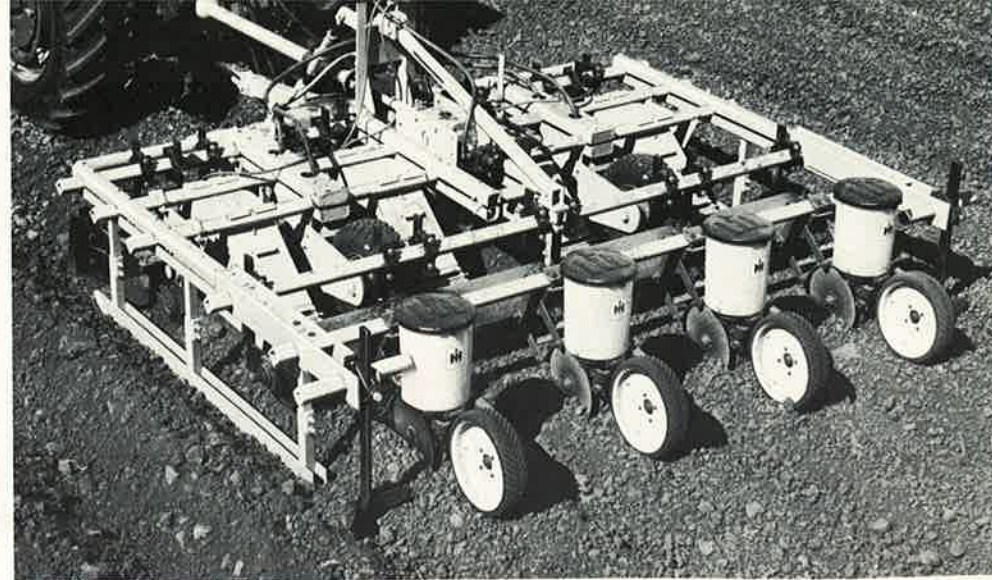
Four jobs...one operation

Shape beds, apply and incorporate herbicide, firm beds, plant—all in one operation. Yes, four jobs in one cost-cutting pass down the field. It's all accomplished with an International Sled Incorporator and a combination of tooling equipment. You'll not only save time and money, but you'll prepare precision-

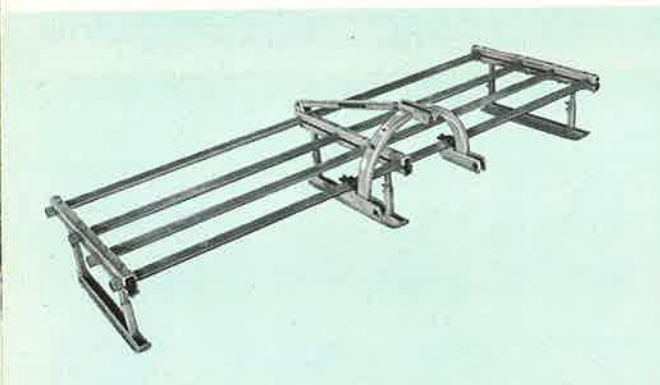
shaped beds . . . take full advantage of uniform moisture. Seed germination is faster and more uniform . . . yields are bigger, and so are the profits.

The 710 Mounted Sled Incorporator handles 2, 3, 4, or 6 beds . . . the 711 Trailing Sled Incorporator handles 2, 4, 6, or 8 beds. Bed spacing from as narrow as 28 inches to as wide as 66 inches.

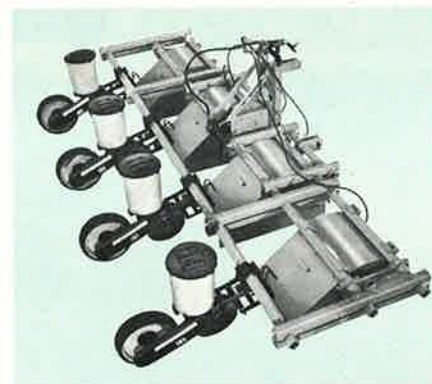
A basic sled, to which various ground working tools can be attached, is available for farmers who broadcast chemicals and incorporate with a disk harrow . . . or for use as a cultivating tool. Mounted and trailing models available.



711 TRAILING SLED INCORPORATOR is a versatile multi-operation implement. Here's the 711 equipped with liquid system, bed rollers and planting units. All of these tools are equally adaptable to the 710 Mounted Sled Incorporator.



700 AND 701 SLEDs are basically tool bar carriers consisting of either 3, 4, or 5 tool bars with adjustable runners. Both the 700 mounted sled (shown) and the 701 trailing sled can be equipped with bed shapers, bed rollers, and planting units . . . or with cultivating equipment.



704 MOUNTED INCORPORATOR will mulch and incorporate herbicides in one operation in both bedded or flatland farming. Available in 2, 4, or 6-row models. The 704 is shown with optional planting bar, planters, and liquid system. The "703," similar in design, is primarily used in sugar beets and beans . . . 4 or 6-row models for 22 to 24-inch row spacing.



REAR-MOUNTED ROTARY CULTIVATORS feature exclusive IH rolling colter shields for precision power cultivating and mulching to within two inches of the plant. The 682 (shown) cultivates two rows on a bed . . . the 681 cultivates one row on a bed. The 681 can also be used to cultivate 3, 4, or 6 rows in flatland operation.



Hi-speed uniform busting

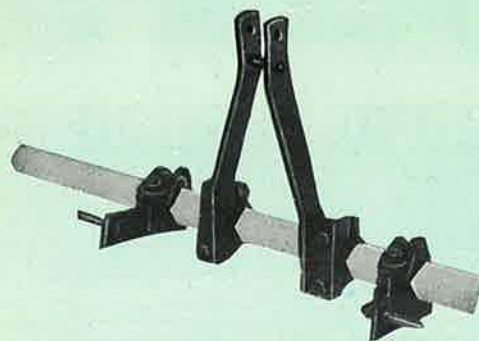
80 SERIES 4, 6, AND 8-ROW

These beefy units are built for busting big acreages under the most demanding conditions. The big $4\frac{1}{4}$ x $7\frac{1}{2}$ -inch hollow-steel, welded-angle bar provides maximum strength without excessive weight. Eight-row size is 300 inches long; six-row is 222 inches; four-row is available with 148-inch or 178-inch bar. Built-in fore-and-aft adjustment and easy adjustment for pitch assure efficient busting job. Eight-row unit has two sets of dual gauge wheels. Six-row middlebuster has two single wheels as standard equipment, with dual wheels available as an option. The four-row machine is available with two single gauge wheels. The eight and six-row machines are designed for use with tractors equipped with Category II three-point hitch or 2-point fast-hitch. The four-row middlebuster may be used with tractors with Category II three-point hitch or Fast-Hitch.

IH REAR-MOUNTED MIDDLEBUSTERS are easily converted into Blackland Planters or cotton listers. Planting attachments available in the broad IH line make it easy and economical for you to convert your middlebuster to a precision planter or lister. And the 80 Series Middlebuster mounts Blackland Planter or lister units in four, six, or eight-row sizes. In each case, planter units are gauge-wheel driven through rugged, compact drives. Combination hoppers plant practically any seed. A complete line of special equipment offers maximum versatility in any planting operation.

52 5-ROW

Busts five rows with four bottoms mounted on front frame, one on rear. Easily converted to three-row unit by removing two outside bottoms. Has the heavy-duty rugged construction needed to make use of big tractor power. Quick, simple drive-in attaching, backout detaching. Parallel linkage provides plenty of suck for quick penetration ... lets bottoms run level for light draft. Row spacings of 36 to 40 inches.

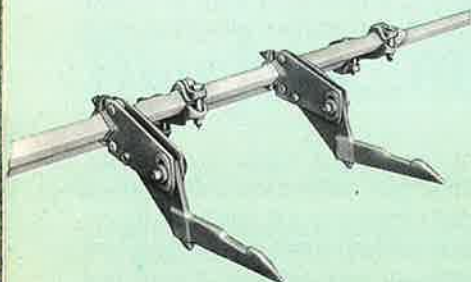


26 Carrier for Category II, three-point hitch.

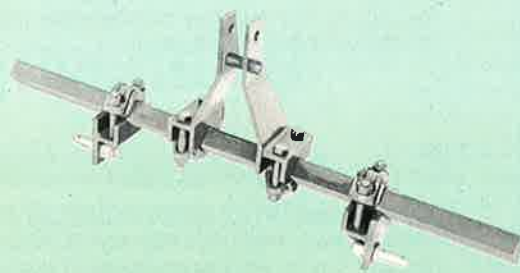


25A Carrier for Category I, three-point hitch.

25A and 26 TOOL BAR CARRIERS. For Category I and II 3-point hitch. Handle 2¼-inch solid steel, square bars that are available in 8 different lengths from 56 to 192 inches; 2½-inch bars available in same lengths plus 180 and 208 inches. Double tool bar tie units in three spacings of 5½, 12 and 25 inches. Three optional gauge wheels.

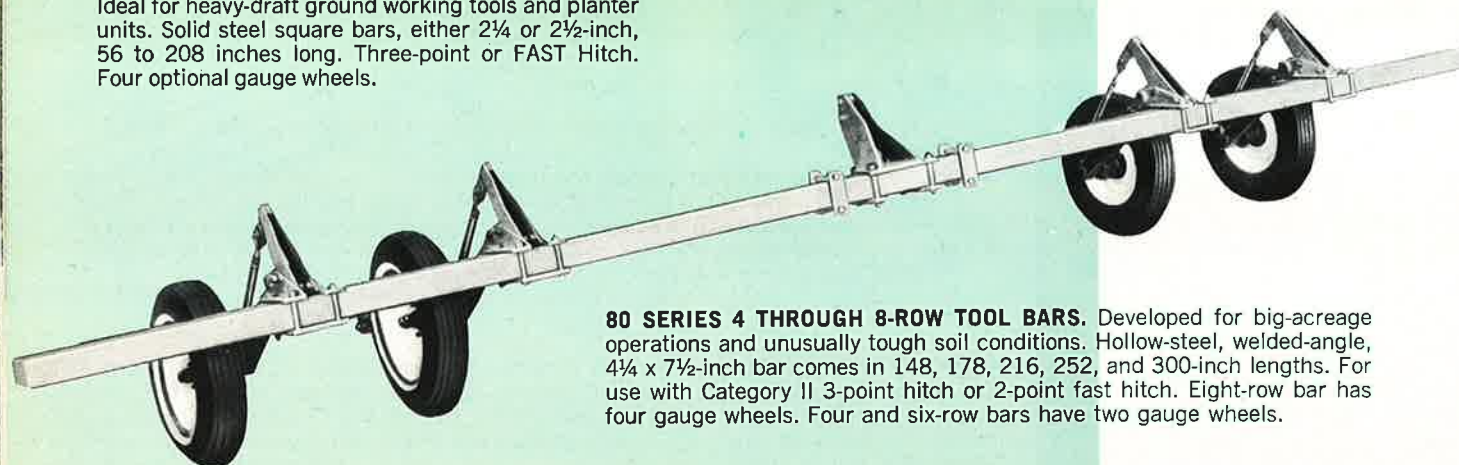


27 Carrier for Fast-Hitch



28 Carrier for Category II 3-point hitch

27 and 28 CARRIERS FOR DOUBLE TOOL BARS. Ideal for heavy-draft ground working tools and planter units. Solid steel square bars, either 2¼ or 2½-inch, 56 to 208 inches long. Three-point or FAST Hitch. Four optional gauge wheels.



80 SERIES 4 THROUGH 8-ROW TOOL BARS. Developed for big-acreage operations and unusually tough soil conditions. Hollow-steel, welded-angle, 4¼ x 7½-inch bar comes in 148, 178, 216, 252, and 300-inch lengths. For use with Category II 3-point hitch or 2-point fast hitch. Eight-row bar has four gauge wheels. Four and six-row bars have two gauge wheels.

Unlimited flexibility

To meet your requirements for rugged, low-cost tool bar machines, International Harvester has developed the broadest, most versatile line of equipment available. Whatever your needs, your International dealer can help you meet them with a job-tailored implement designed to match your requirements. A few common tool bar machine set ups are listed below.

Chisel Teeth and Sweeps—Choice of sweeps for deep field cultivation.

Chisel Teeth and Shovels—Short and long teeth for deep field cultivation.

Coil-Spring Teeth and Shovels—Deep field cultivation in trash and rocks.

Heavy-Duty Clamps and Shanks—Rigid or cushion spring for deep field cultivation.

Border Disk Attachment—For forming water-retention dams for irrigation.

Bedding Disk—Four gangs of three disks each for cultivating beside beds.

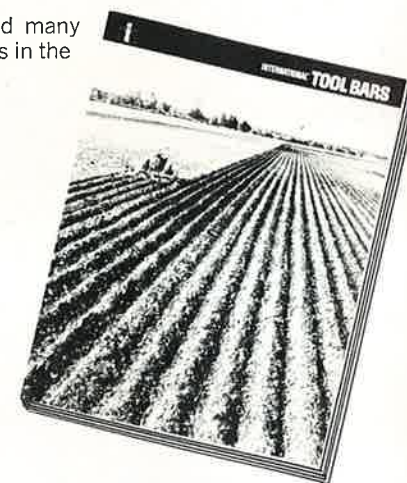
Subsoiler—Stub beam and subsoiler attachment for breaking plowsole or hardpan.

No. 9 Sweep Attachment—13½ or 17½-inch sweeps and wings for cleaning middles.

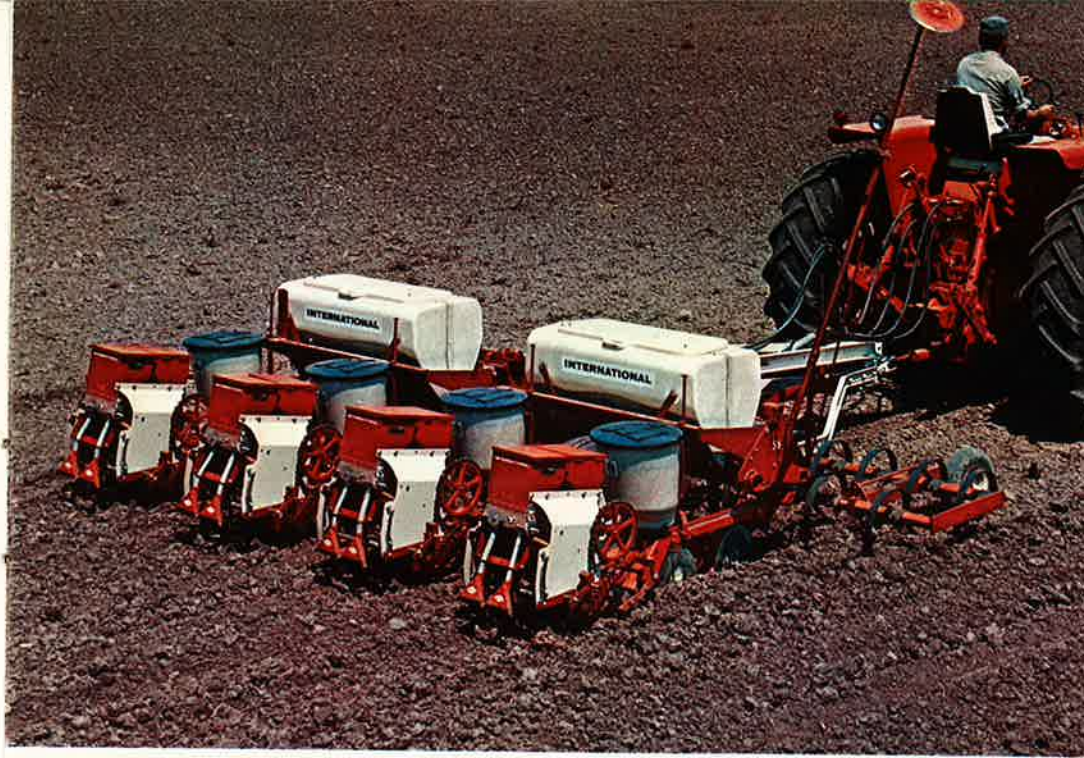
Rotary Moldboard Ditcher—For forming irrigation ditches between row crops.

Rotary Disk Moldboards—Better mulching in sticky soil than regular moldboards.

You can see these and many other tool bar machines in the **INTERNATIONAL TOOL BARS CATALOG.**



This new catalog shows complete machinery set-ups of most frequently used equipment and lists all of the components used in each set-up. Ask your International dealer to show you the Tool Bars Catalog.



SPRING TOOTH HARROW ATTACHMENT lets you till and plant, after fall or spring plowing, with your 56, 66, 58 four-row or 58 Series six-row planter. Has 25% more weight than competitive rigs for thorough tillage, smooth seed beds. Big clearance means no disturbance of planted headlands and no snag transport.



Ways to cut tillage costs

No one form of Combined Tillage is right for every man. Things such as soil type, rainfall, crops raised, and equipment already owned will influence your decision. This is why IH engineers have developed several different types of Combined Tillage.

No matter which method you select, you can realize such important benefits as lower costs, time savings, less soil compaction due to fewer trips across the field, better water retention, retarded weed growth, and less erosion.



NO. 5 COMBINED TILLAGE HITCH lets you use 4 or 6-row trailing planters behind 45 Rear-Mounted Vibra Shank Cultivator (shown at left), 45 Trailing Vibra Shank Cultivator, 37 and 370 Disk Harrows (shown above), 46 and 350 Disk Harrows, 340 Spring-Tooth Harrow, rear-mounted row-crop cultivators, or tool bar implements. The No. 5's large caster wheel gives maximum maneuverability and excellent flotation. This combination is a favorite with many farmers.



IH Rotary Valve Planters

plant the stand you want

Hilldrop 1, 2 or 3 Seeds Per Hill

You get results—straight, even rows, uniform stands like you see here. And along with results the Rotary Valve gives you proven reliability.

Proven results because the Rotary Valve powers either one, two or three seeds from hopper to furrow in tightly grouped hills. There's no scatter or bounce. You get straight rows, uniform depth and evenly spaced hills for the high yield stand you want.

Proven reliability because the Rotary Valve is simply designed. It has 30% fewer moving parts than other valve mechanisms . . . has no complex workings that can be easily affected by dust and abrasion. In short, you get trouble-free operation, low maintenance costs for the life of the planter.

And remember, the Rotary Valve gives you precision planting in corn, cotton and a variety of other seeds. A Snap-In drill guide converts the Rotary Valve from hilldrop for corn to drill for beans in just minutes.



Right behind the opener is a solid gray-iron "frog" which forms and firms the seed zone to give you fast germination . . . get your crops off to a head start.



The new snap-in Drill Guide converts your planter from hill-drop to straight drill—insert the Drill Guide into the valve case and lock out the rotor. With all 56 and 58 Planters.

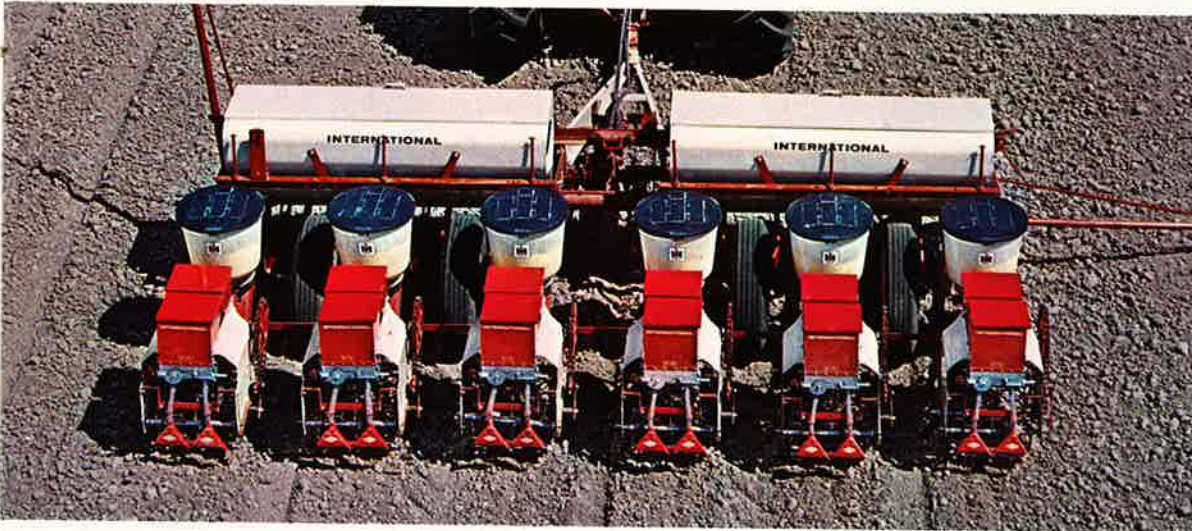
Rotary Valve Planter Exclusives...

Modern low-profile design makes for easy filling of seed and fertilizer hoppers . . . enables operator to check planter functions from the tractor seat. **Balanced design** keeps weight, even when fully loaded, distributed over the entire planter for easier pulling and less stress on frame and hitch. **Rock solid main frame** that keeps planter in alignment for years of service. **"A" Frame Hitch** with three position leveling. **Single Linkage Drawbars** that hold planting depth, stay in line. **Centralized Drives that can't slip** . . . make sprocket changes quick and easy. **Fiberglass Seed Hoppers** that tell seed level at a glance and have snap-tight lids. **Big capacity fertilizer hoppers** in metal or fiberglass. **Fiberglass liquid fertilizer** and insecticide tanks. **Automatic Latchless Markers**.

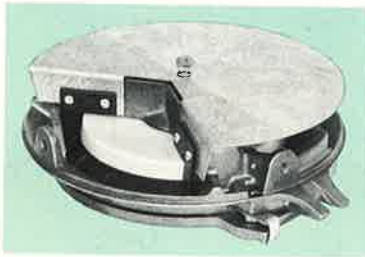


Rotary Valve Planters

58 SERIES 8-ROW PLANTER. This big planter's wheel tube is made of high-strength steel with an extra-thick wall to take the punishment of carrying big loads at high speeds. The front tool bar is formed by welding heavy iron angles together into a box. End and center plates are heavy, half-inch steel stock. And the entire frame is trussed for even greater strength and rigidity. Get full ton fertilizer capacity with the metal units or 2,200 pounds with the new plastic fertilizer units. A choice of high or low-rate augers lets you select fertilization rates ranging from 65 to 720 pounds per acre. Also available with four 50-gallon liquid fertilizer tanks. Transport attachment lets you transport planter endwise to clear gates and road traffic easily. Plants eight 30-inch rows. New Squeeze Pump Attachment available for "Pop-Up" or liquid fertilizer applications.

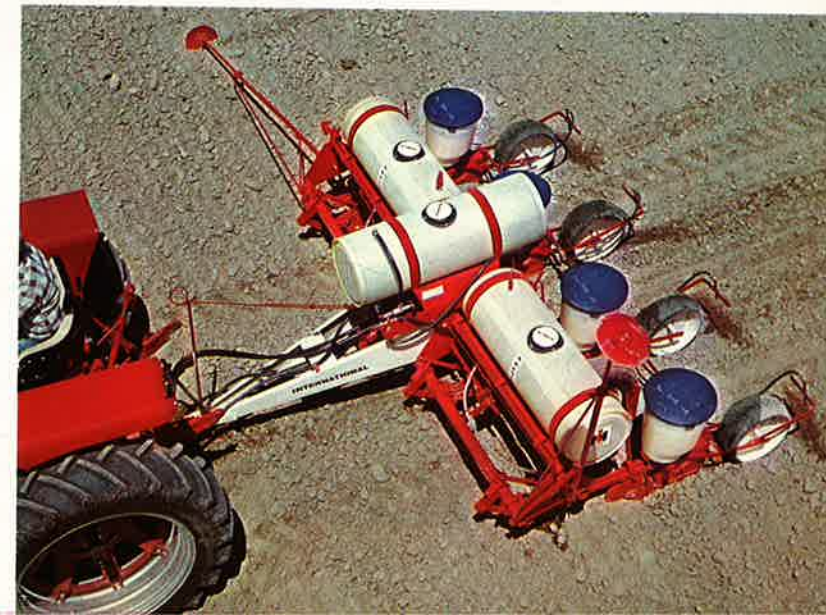


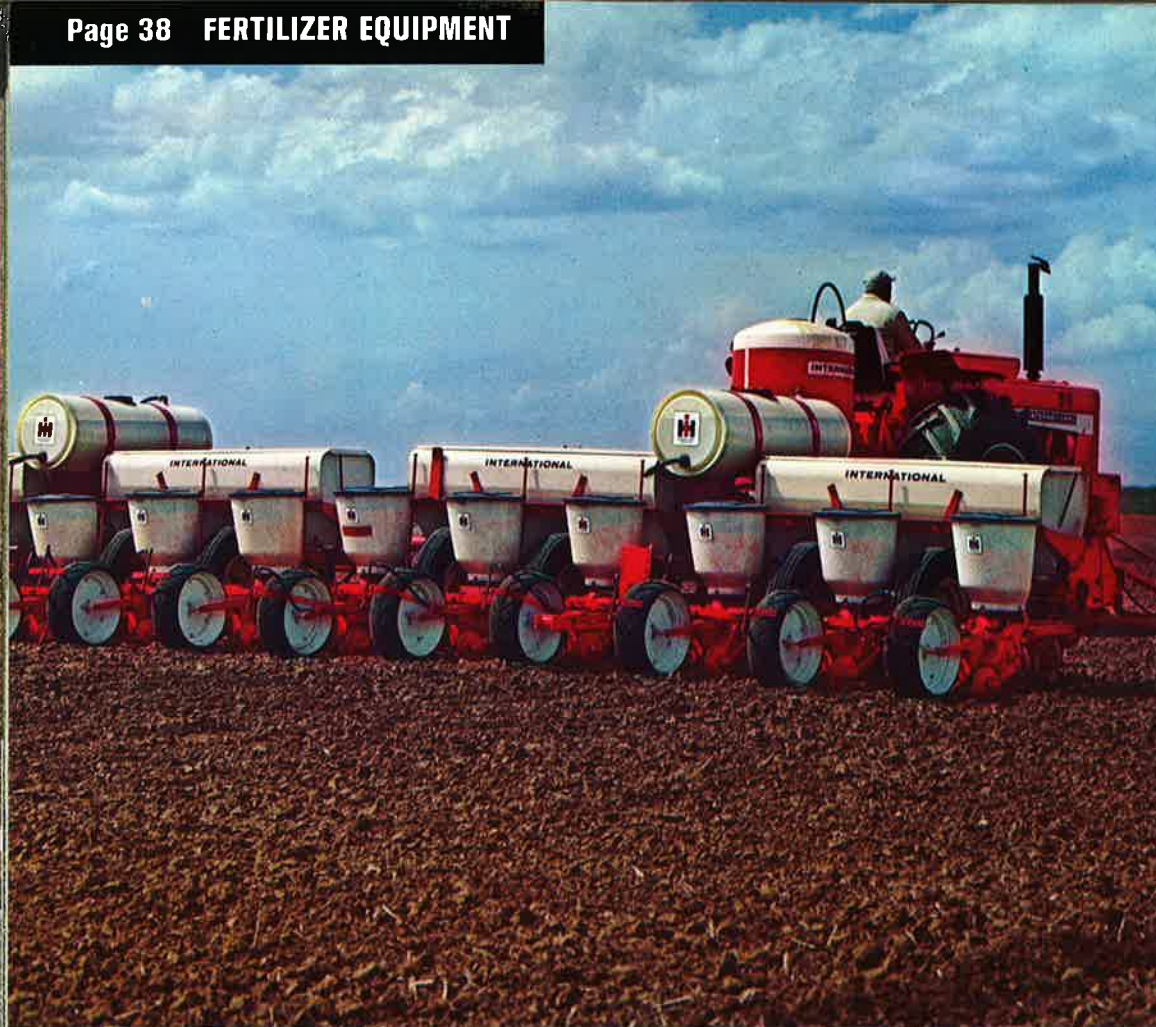
58 SERIES 6-ROW NARROW and 4-ROW WIDE PLANTERS. Six-row is reducible to a four-row wide-row unit and four-row wide can be converted to a six-row narrow-row planter. Plants 28 or 30-inch rows as a six-row machine and 36 to 40-inch rows as a four-row. Dry fertilizer unit has 1,430-pound capacity. Liquid herbicide and liquid fertilizer units available. Use new squeeze pump attachment for "Pop-Up" or liquid fertilizer application. Four wheel drive attachment available for use when six-row planter is used with fertilizer unit plus liquid pre-emerge or International Gandy equipment.



NEW ROTARY CONE lets you plant edible beans accurately and at high speeds. Handles both small and large seeds without bruising or cracking. Use on all 56 and 58 Series Planters.

56 SERIES 2, 4 and 6-ROW PLANTERS. Dry fertilizer units hold 500 pounds on 56 Two-Row, a full half ton on Four-Row and a whopping 1,500 pounds on 56 Six-Row—new plastic units on four and six-row machines have up to 150 pounds more capacity. Adjustable wheel frames let you plant 28 to 40-inch rows with two and four-row planters. Six-row unit handles 36 or 38-inch rows. Liquid Herbicide unit available for four-row planter. Liquid Fertilizer units available for all 56 Planters. New Squeeze Pump Attachment available for four or six-row machines for "Pop-Up" or Liquid Fertilizer applications.





Chemical and fertilizer equipment you can tailor to your planting program

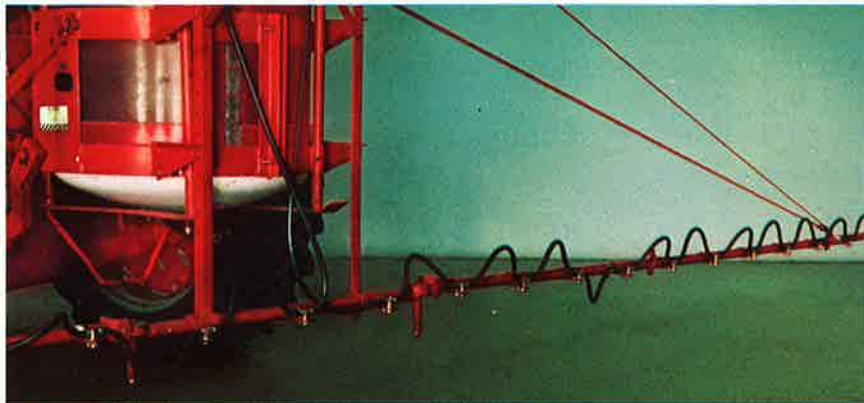
Look at the ways you can go:

- Hitch-mounted pre-emerge chemical, liquid "pop-up" fertilizer and either liquid or dry side-placement fertilizer.
- Liquid "pop-up" fertilizer either liquid or dry side-placement fertilizer and International Gandy herbicide and insecticide.
- Liquid side-placement, liquid pre-emerge chemical.

There are many ways you can go. For example, in the duplexed planter setup on the left the pre-emerge chemical is hitch-mounted, the center tanks are used for "pop-up" and dry fertilizer is used for side-placement. For this and other variations all you need, beyond the dry fertilizer equipment, is two additional pieces of equipment:

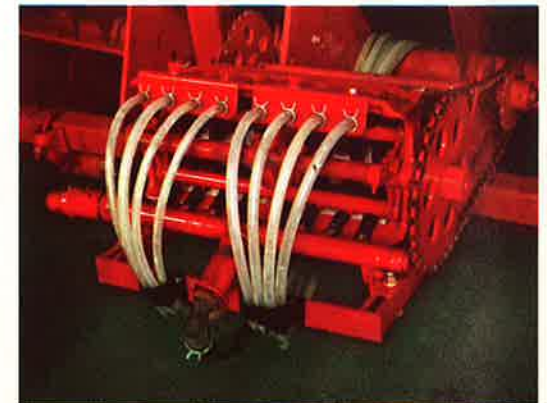
1. Hitch Mounted Liquid Pre-Emerge Equipment. With 150 Gal. tank, it has three times the capacity of planter mounted equipment, adds no additional weight on the planter and is free for use with other equipment. With pressure regulator and hand shut-off valves and built-in agitator. Choose either 6 or 8-roller or centrifugal PTO driven pump. Connections to handle four, six, eight and 12-row planters. For tractors with 2 point Fast-Hitch or 3 point hitch. Also available with new Spray Boom Completing Package (shown below at left).

2. Squeeze Pump Attachment. (Shown below.) Squeeze metering, for either "pop-up" or liquid fertilizer applications. Ground driven pump maintains constant low-pressure flow regardless of ground speed or variation in hose lengths. Use on 58 Series four, six and eight-row planters, 56 and 66 Series four and six-row planters.



Spray Boom Completing Package extends the use of your Hitch Mounted Pre-Emerge Equipment. Use to spray insecticides or herbicides. Available for 6, 8 and 12-rows. 11 or 18-inch boom drops. Solid brass fittings and stainless steel or brass tips for a variety of spray patterns.

Squeeze Pump Attachment shown mounted on 58 Series 8-row planter. Providing constant flow under low pressure, it is ideal for either "pop-up" or side-dress fertilizer applications.





54 SERIES 12-Row Trailing Planter for corn or soybeans in 20-inch rows. Now plant 12 rows at a time, do it with almost the same ease of handling you would expect from a six-row planter. The secret is the new A-frame hitch that keeps the six-row machines in perfect alignment—in the field and in transport. Four big hoppers give you 2,000 pounds of fertilizer capacity. Centralized drives mean more accurate application of

both fertilizer and seed, make it faster and easier to change seeding and fertilizing rates. Changing from field to transport is a one man job because the tractor does the lifting. With 30 lb hoppers and automatic disk markers.

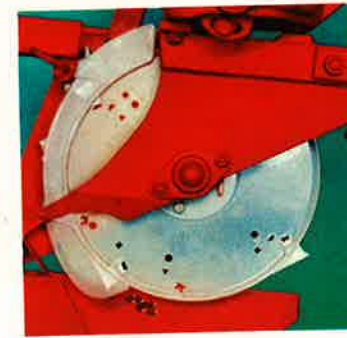


DUPLEX HITCH ATTACHMENT

for 56 and 66 Series 4-Row, 58 Series 6-Row Trailing Planters and the 601 Fertilizer Carrier. The new A-frame duplex hitch lets you plant more acres, make better use of your big tractor's power and cut down on

man-power, too. The big, beefy A-frame hitch has all the strength needed to keep two four or six-row planters in perfect alignment. Switching from field to transport is an easy one-man job because tractor hydraulics do all the lifting. Unlike other duplexing systems, the International Duplex Hitch Attachment does not have to be installed on your tractor . . . does not tie it up.



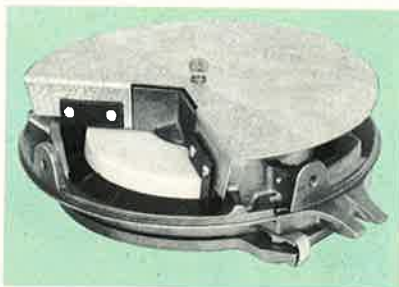


Rotary valve accuracy in cotton

Because the IH Rotary Valve completely controls the seeds all the way from hopper to hill, every hill is accurately spaced—you plant the stand you want, eliminate expensive thinning costs! Two other aspects to precision planting are depth control and seed count. You get them both with IH planters. Precise depth control settings let you plant at the exact depth you want. And because IH planters give you so many accurate sprocket settings, you get the exact seed count you need for uniform stands. For stands that help you to better yields, go IH Rotary Valve cotton planters!

86 SERIES 4 AND 6-ROW, REAR-MOUNTED. Long-beam, unit-mounted drawbars hold accurate planting depth. Tubular frame, center-mounted under tractor, provides uniform planting depth, even in uneven conditions. IH rotary valve plants the stand you want. Planters are quick and easy to mount without lifting. Order your 86 Series Planter to fit your exact needs—six or four rows. Row spacings of 36, 38, and 40 inches. With or without fertilizer unit. Thirty or 70-pound seed hoppers. Hill-drop, drill, or power-drill. You'll get high-speed, precision planting for a wide variety of crops.

90 SERIES 4 AND 6-ROW, HILL-DROP OR DRILL. Here's the machine that's especially designed to give you perfect stands when planting in moist soil. Because the runner knife on this planter does not open the soil to a depth that is below the "frog," you get a "U" shaped furrow in moist soil, rather than a "V" shaped furrow, which might leave an air pocket around the seed. In addition, the long, narrow runner (optional) encloses the seed-firming wheel. This prevents any dirt from falling onto the seed before it is firmed into the seedbed. (90 Series Planters are also available with short runners and rubber tired seed-firming wheels.) These features, plus centralized drives for seed and fertilizer and the IH rotary valve give you an entirely new dimension in planting accuracy.



NEW IH ROTARY CONE brings precision and speed to peanut planting. You get both along with safe, gentle seed handling that cuts seed damage to the minimum. The rotor keeps a steady flow of seeds into the drill tube, and because the baffle supports the weight of the seed column, seed-grinding action is eliminated — you plant at speeds up to six miles per hour with no worry. Plants any size seed, too.

Simply install the urethane gate up for large varieties, down for small. Simple sprocket changes let you get the seeding rate you want. Use on any planter with combination bottom. Also plants soybeans and edible beans.

66 SERIES 4 AND 6-ROW, TRAILING. Combine speed with exceptional accuracy, strength, and capacity to get crops planted in record-time without sacrificing plant population or yield. IH rotary valve provides matchless precision, converts easily for drilling. Heavy-duty wheel frame easily carries full fertilizer loads. Row spacings of 28 to 40 inches are optional on four-row planters . . . 34 to 40 inches standard. Six-row planter plants 36 or 38-inch rows. 66 Series Four-Row Planter is shown above equipped with dry fertilizer unit and International Gandy granular chemical applicators. Liquid fertilizer units are also available for all 66 Series Planters. A liquid herbicide unit can be mounted on the 66 Series Four-Row. Squeeze Pump Attachment is available for "Pop-Up" and liquid fertilizer applications on 66 four- and six-row planters.



186 HILL-DROP PLANTER UNITS

Equipped with IH rotary valve, combination, hopper, furrow opener, and drive-and-press wheel. Mounts on tool bars, front and rear mounted cultivators. Long pull-bar gives maximum flexibility for uniform planting in uneven ground. This same basic hill-drop unit is incorporated in 66, 86, and 90 Series Planters.



186 DRILL PLANTER UNITS. This specially designed machine features a short runner opener with a new narrower 1-inch inside dimension. You get better, easier penetration and rows are straighter, more accurate because seeds have less chance to scatter or bounce in the furrow. Mounts on tool bars, and rear mounted cultivators.



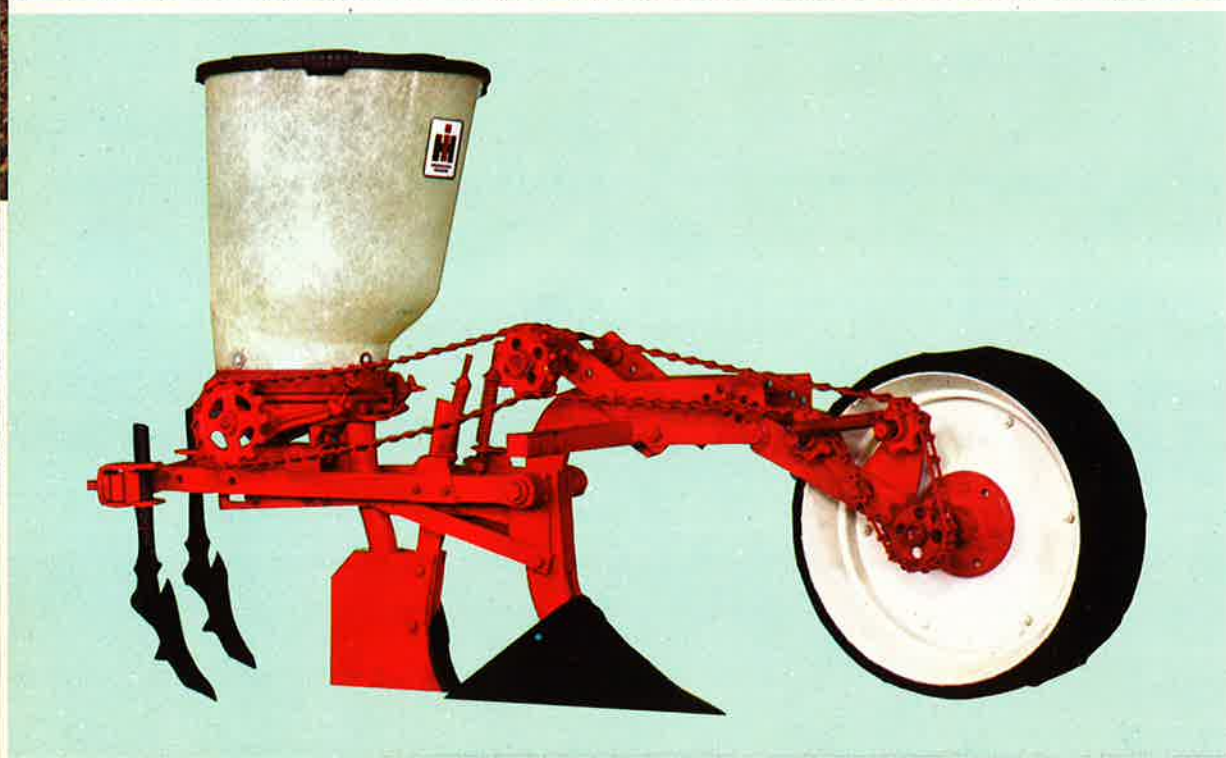
188 HILL-DROP PLANTER UNITS. Equipped with IH rotary valve, International hopper, furrow opener, drive and press wheel. 16-inch unrestricted flotation evens out land irregularities. Pressure adjustment maintains proper planting depth in hardest soils. Mounts easily on tool bars, front and rear mounted cultivators.



Built to stay on top of beds

87 SERIES BLACKLAND PLANTERS FOUR-ROW AND SIX-ROW MODELS REAR-MOUNTED THREE-POINT OR FAST-HITCH

These rear-mounted planters are especially designed to solve the problems of planting on beds in the Blackland area. Because all weight, including that of the seed hoppers, rests on the carrier wheels and not on the planter units, they will stay on top of beds, even when imperfectly formed . . . go over rough terraces without slipping. Centralized seed and fertilizer drives come off the carrier wheels, not the press wheels. You get uniform planting rates from all hoppers. And the precision roller-chain drive is smoother . . . lasts longer. Free-floating planter units maintain constant planting depth, even in rough fields. Half-ton capacity dry fertilizer unit available for four-row planter. Both planters adjustable for 38 or 40-inch rows.



187 BLACKLAND PLANTER UNITS. Convert front or rear-mounted cultivators into two, four, six . . . even eight-row Blackland Planters. Large diameter gauge wheel gives good traction, even in loose ground . . . helps keep units on top of irregular-shaped beds. Two springs for covering frame give uniform pressure. Pin-and-hole depth adjustment gives quick, accurate, positive depth settings. Drive chain is routed high to keep it out of trash. Combination hoppers with interchangeable bottoms let you plant cotton, corn, peas, sorghum, peanuts, and other crops.



80 SERIES SIX-ROW LISTER. Here's the lister planter that spells big acreage production at the first break you get in the weather. You plant six 30 or 32-inch rows at a time . . . big 70 pound hoppers and half ton fertilizer capacity keep you on the go with fewer stops. Rotary moldboards are standard. For Farmall 706, 756, 806, 856, 1206 and 1256 tractors.

Precision comes to lister planting

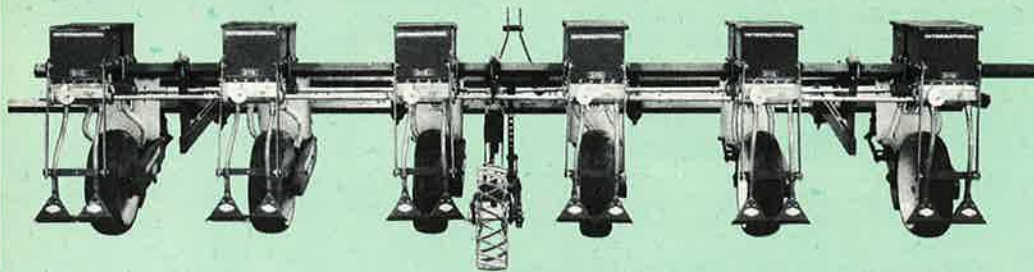
Both 80 Series listers feature a big $4\frac{1}{4} \times 7\frac{1}{2}$ -inch welded steel bar, designed to give you the strength you need to go in and bust out old rows or sock it down as deep as you want. Pitch and height adjustment on disks let you form beds just as you like them. Centralized seed and fertilizer drive gives highest degree of accuracy . . . features roller chain throughout. Gauge wheels with turnbuckle adjustment. Fully automatic disk markers are equipped with precision bearings. Reinforced plastic seed hoppers let you see the seed level from the tractor seat . . . are set low to the ground for easy filling. Two big 500 pound fertilizer hoppers give you a full half ton capacity while your choice of fast or slow rate augers let you select rates from 30 to 325 pounds on the four-row 80 and from 36 to 430 pounds per acre on the six-row lister. Row spacings are 38 or 40-inches on the four-row, 30 or 32-inches on the six-row lister.



80 SERIES FOUR-ROW LISTER. This heavy-duty machine may be equipped with rotary moldboards, conventional lister bottoms, blackland units or till-planting equipment for planting 38 or 40-inch rows. For Farmall 656, 706, 756, 806, 856, 1206 and 1256 tractors.



One-row lister units for $2\frac{1}{4}$ or $2\frac{1}{2}$ -inch tool bars—No. 108 (top) is Cotton Lister; No. 109 is Corn Lister. These rugged, dependable units mount in multiples on $2\frac{1}{4}$ or $2\frac{1}{2}$ -inch square rear-mounted tool bars. Each unit is independent with its own gauge-wheel drive. Combination hopper handles wide variety of seeds. Bottom equipment for cotton, corn, or peanuts.



NEW INTERNATIONAL-GANDY GRANULAR CHEMICAL APPLICATORS. For your four or six-row tool bar mounted 185 planter units. Low profile design, heavy-duty construction, independent, centralized drive. Tool bar mounted rail places chemical units directly over press wheels of 185 planter unit. Get granular insecticide only, herbicide only or both in tandem for either four or six-row applications.



Plant tiny seeds accurately

185 PLANTER UNITS. Precision built, from press wheel to hopper, for extremely accurate planting of sugar beets and vegetables. You save on or eliminate thinning costs. Germination is faster and more uniform. Stands are better. Seed waste is eliminated. The 185 also converts to such crops as corn, soybeans and cotton. These units are the heart of the IH fertilizer-planter carriers. Or, you can mount two, four or six 185 units on a tool bar to custom build your own planter.



600 FERTILIZER-PLANTER CARRIER-SIX-ROW TRAILING. Get two planters in one. Use this unit as a six-row planter to plant beets in rows spaced 28 or 30 inches apart. In addition, you'll like the huge fertilizer hoppers that hold 715 pounds each . . . a whopping 1,430-pound total that keeps you on-the-go during good planting weather. Four carrier wheels, two on each side, are used to give maximum flotation for six-row operation. Liquid herbicide unit available.

400 FERTILIZER-PLANTER CARRIER-FOUR-ROW TRAILING. (Not Shown). Combines rugged, rigid frame for big fertilizer capacity with the precision planting ability of 185 Planter Units. Full half-ton fertilizer capacity cuts refill time. Hoppers mount directly over wheels for maximum stability and balance. Packer wheels in front of units permit planting in ground with minimum tillage. You get uniform fertilizer distribution at all times because the two hoppers are centrally driven from both transport wheels. Handles 28 to 40-inch rows. Liquid herbicide unit available.

601 FERTILIZER-PLANTER CARRIER-SIX-ROW OR 12-ROW TRAILING. Highly accurate 185 Units may be front or rear-mounted. 22-inch row spacing when front-mounted . . . 22 or 24-inch row spacings when rear-mounted. Fertilizer unit holds full half-ton. Spring-loaded fertilizer drive wheel has precision bearings. Apply 40 to 180 pounds per acre with low-rate augers or 100 to 460 pounds per acre with high-rate augers. Fully automatic disk markers are equipped with precision bearings. This unit also makes an ideal planter for corn or soybeans in narrow rows.

High-speed cultivating at lowest cost

Work fields fast, thoroughly, and at lowest cost with an International rotary hoe. You'll find they do an exceptional cultivating job at speeds up to 10 mph. Revolutionary wheels with overlapping offset teeth work the soil every 2½ inches . . . turn up more weeds to the sun . . . loosen crusted seedbeds deeper to give your crops a fast weed-free start. Exclusive IH hoe teeth have chisel-sharp points . . . enter the ground in a vertical position for fast, positive penetration.

All International rotary hoes are designed with big trash clearance . . . and have the same rugged, wobble-free wheels and long-wearing white-iron hubs.

3 AND 4 SEMI-FLEXIBLE ROTARY HOES are available in both 42 or 48-inch wide sections. No. 4 rotary hoe wheels are 21 inches in diameter with 16 teeth per wheel. The No. 3 wheels are 18-inches in diameter with 12 teeth per wheel. Select a 2, 3, or 4-section mounted drawbar or a 2, 3, 4 or 6-section trailing drawbar to match your tractor.

224 FULLY FLEXIBLE ROTARY HOE is designed for fast, thorough cultivation in bedded or listed crops. Although developed primarily for use in areas where crops are grown on beds, farmers in rolling and flat land country have found that the extra built-in flexibility provides the ground hugging performance that is so important when working uneven fields. The 224 flexible hoe is adjustable for 36 to 40-inch rows. The 224 is available in a four-row nonexpandable, a four-row expandable to six-rows, and a six-row model . . . 18 or 21-inch wheels . . . Category II three-point hitch or Fast-Hitch.



224 WING-TYPE SIX-SECTION FLEXIBLE HOE in transport position . . . can be reduced to four-rows.

224 EXPANDABLE FOUR-ROW ROTARY HOE . . . can be increased to six-rows by adding wing sections.

Penetration and placement perfectionist

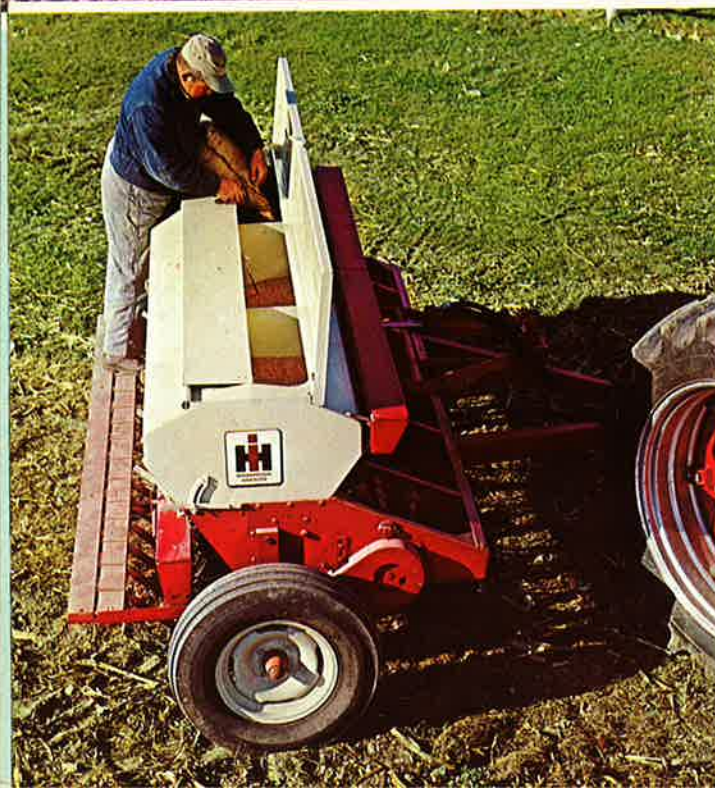
International 10, 100, and 150 drills serve a wide range of drilling needs . . . perform with exceptional precision for full, uniform stands and maximum yields. Important features include:

Drop-bottom fertilizer hopper is extremely easy to clean and maintain.

Star feed wheels provide aggressive, accurate fertilizer delivery through wide range of ground speeds and application rates.

Separate fertilizer placement openers are optional for Plain and Combination No. 10 Drills having 7-inch or wider disk spacing. Places fertilizer separate from seed — one-inch to side, and from same level down to two inches below seed.

Double-disk front delivery openers (10 and 100 drills) place each seed at the very bottom of the furrow, without scatter.



10 PLAIN Available in 6, 7, 8, and 10-inch spacings with choice of double-disk, single-disk, or hoe-type openers. Grain hopper holds 1½ bushels per foot. Separate fertilizer attachment holds 53 lbs. per foot.

10 COMBINATION Combination grain and fertilizer hopper. Fertilizer capacity of 85 pounds per foot can be distributed at from 39 to 800 pounds per acre at all speeds. Sizes: 13x7, 16x7, and 16x8.

10 SEMI-MOUNTED Tops in economy, simplicity, and maneuverability, this 13x7 drill is available for Category I or II 3-point hitch, quick coupler 3-point hitch and IH Fast-Hitch with adapter. Lifts and lowers with tractor hitch, follows ground contours in operation, backs up without jackknifing. Same hopper as combination model.



100 PRESS DRILL

Seed hopper holds $1\frac{1}{2}$ bushels for every foot of width. Fertilizer attachment holds 53 pounds per foot, spreads at rates of from 17 to 474 pounds per acre. Fertilizer and grass seeder attachments let you drill any way you want . . . drill grain only . . . drill grain and apply fertilizer . . . or drill grain, fertilize, and seed grass. Sizes in 6 to 14-foot widths. Attachments include multiple hitches and "easy-on, easy off" transport dollies. Plow packer adapter also available.

These and many more features make all International drills an investment that will help you do a better drilling job in less time.

Ball bearing feed shifter—Extremely precise, this slop-free mechanism stays in adjustment throughout its long, wear-free life. Once set, there's no variance in feed-cup sowing rate throughout the entire field.



International Feed Cup—Big, wide-throat feed cup is die cast of corrosion-proof zinc alloy. Critical parts are molded of powdered, sintered metal for smooth finish and uniform cup-to-cup precision. Regardless of seed size, you can rely on this cup to meter seed with uniform accuracy.



Exclusive adjusting lever—Feed cups can be adjusted easily and quickly—no screwdriver or special tool needed. Simply move the lever to instantly regulate the position of the feed cup bottom.



150 SHOVEL PRESS DRILL

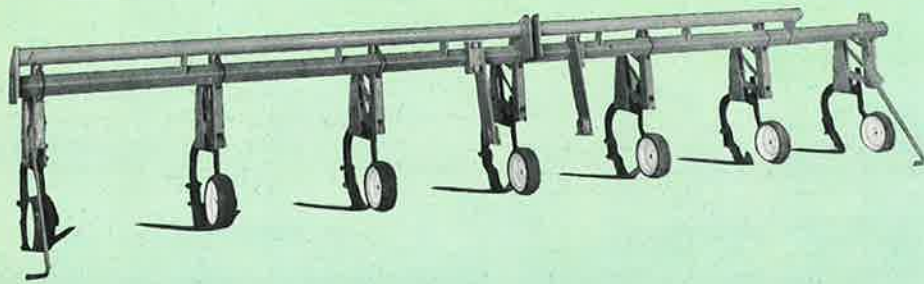
Built for deep seeding in heavy trash. There's very little disturbance of protective cover . . . leaves trash-laced ridges that conserve moisture, reduce wind and water erosion. Exclusive "Eagle Beak" deep penetration point (optional) lets you break hardpan to any moisture within eight inches. High vertical trash clearance and widely staggered opener ranks prevent plugging, even in heaviest trash. Seed hopper has a capacity of $1\frac{1}{4}$ bushels per foot; separate fertilizer hopper holds 53 pounds per foot. Available with new separate delivery attachment. Sizes range from 7 foot to 14 foot. Multiple hitches available.



Fast, hoe close work



43 Series 6, 8 and 12-Row. Here's fast, safe cultivation of narrow-row corn and soybeans. Because of the clean, low profile single-sweep design, these cultivators work at higher than normal speeds, have more clearance for working in narrow, bushy rows without damaging leaves. Sweeps adjust to control amount of soil throw, work without disturbing chemicals banded in the rows. With big, rugged frames, heavy duty parallel linkage with adjustable upper link and spring tension, friction trip protection, precision bearing rolling guide fins and gauge wheels. 27-inch vertical clearance. Six and eight-row take 28 to 30-inch rows. 12-row 43 Series cultivators are available in two models—one for 20-inch rows, the other for 28-30-inch rows.



46 Series 4 and 6-Row. Whether you are in cotton or corn you can do a clean, fast job of cultivation both early and late in the season with this high, 36-inch clearance, single-sweep cultivator. With adjustable, precision bearing gauge wheels, heavy duty parallel linkage, friction trip protection and big 3¼-inch toolbar with welded on reinforcing pipe. Cultivates 36 to 40-inch rows. Choose four or six-row with either two or three-point hitch.



53 Series 4, 6, 8 and 12-row Cotton and Corn Cultivators.

If you plant crops in several row widths, these are the cultivators for you. They convert to different row widths easily and quickly. No need for extensive reassembly. Just loosen a few bolts and slide the tooling to the row spacing desired. Rigid or flexible rolling guide fins and gauge wheels feature precision bearings. Rugged square tool bar is made of welded angle iron. Transport attachment with Quick-Attach feature is available for six-row wide, eight-row narrow and 12-row models. Six models to choose from: four-row narrow . . . 22, 24, 28, and 30-inch rows; four-row wide . . . 28 to 40-inch rows; six-row narrow . . . 22, 24, 28, and 30-inch rows; six-row wide . . . 28 to 40-inch rows; eight-row narrow . . . 22 to 30-inch rows and new 12-row narrow 28 and 30-inch rows. All available with three-point or Fast-Hitch.



their specialty

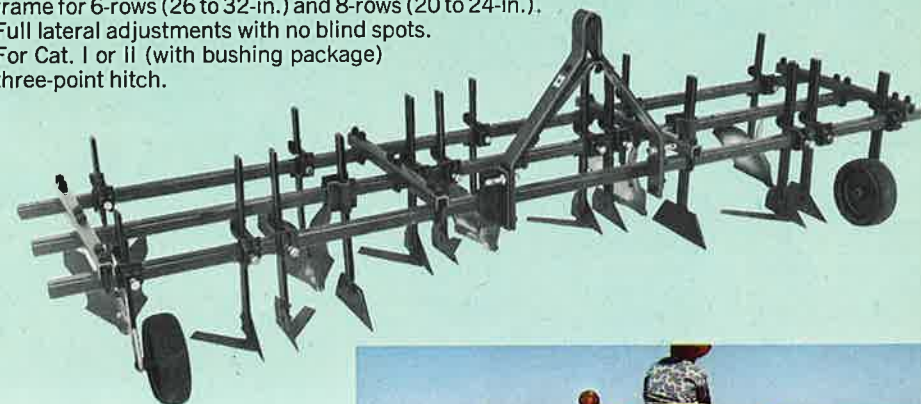


63 Series 2, 4, 6, and 8-row Cotton and Corn Cultivators. Here are the cultivators that give you famous IH "big-acreage" construction. Side-to-side rigidity keeps gangs in perfect alignment. Hardened wear washers in parallel linkage prevent wear to linkage, keep joints snug despite years of hard use. Transport attachment is available on six and eight-row models. Quick-Attach feature lets you change from transport to field, or vice versa, in a matter of minutes. Two-row unit cultivates 28 to 42-inch rows . . . four-row, 28 to 40-inch rows . . . six and eight-row models handle 36 to 40-inch rows. Available with three-point or Fast-Hitch.



53 Series 4 and 6-Row Beet and Bean Cultivators. These cultivators have all the features of 53 Series Cotton and Corn Cultivators, including 1 1/4-inch round standards with sweeps and disk or knife weeders up front. Streamlined design gives you hoe-close cultivation in beets, vegetables, and other crops. Handle 22, 24, 28, or 30-in. rows. Available with three-point or Fast-Hitch.

225 4, 6 and 8-row Vegetable Cultivator. For beet, bean and other crops on beds or flatland. Free-swinging hitch, guide fins and front-mounted row indicator makes high-speed cultivation practical . . . doubles your day's work. Two sizes: 156-inch frame for 4-rows (26 to 36-in.) and 6-rows (20 to 24-in.). 204-inch frame for 6-rows (26 to 32-in.) and 8-rows (20 to 24-in.). Full lateral adjustments with no blind spots. For Cat. I or II (with bushing package) three-point hitch.



200 2-Row. This close-coupled unit cuts costs to the bone . . . gives years of tough, high-speed cultivating at lowest possible cost. Available with Category I, three-point hitch or two-point Fast-Hitch. Choice of 90-inch hollow bar or 95-inch solid bar.



70 Series Lister Cultivators . . . 4 and 6-Row. Superior crank adjustment gives precise depth settings. Staggered shovels do complete job of cleaning out row. Sealed bearings on guide wheels and disks are pre-lubricated. Four-row unit handles 36 to 42-inch rows. Six-row cultivator may be ordered as a narrow-row machine for 30 to 32-inch rows or as a wide-row unit for 36 to 40-inch rows.



Cultivate cleaner, closer, faster

78 series 4 and 6-row. With new big clearance these cultivators easily clear 10.00 and 11.00-16-inch front tires that are on Farmall 706, 806, 856, 1206 and 1256 tractors. Completely new in design, the 78 Series gives you heavy duty parallel linkage with adjustable upper links, symmetrical tooling for greater crop clearance, high strength tubing main frames that makes external trussing unnecessary and precision bearing gauge wheels. Six-row cultivates 28-30-inch rows while the four-row provides 36-38-40-inch row spacing. If you wish you can get the 78 with six-row frame and four-row tooling, convert later to six-row, should you decide to plant narrower rows, by adding tooling.



68 series 2, 4, and 6-row. Rugged tubular frame across front places pivot-point for gangs farther away from tractor . . . permits easy drive-in with wide-front-end as well as tricycle tractors. Also helps give exceptional side-to-side rigidity. Teams up with Farmall 504, 656, 706, 806, or 1206 Tractors for accurate, high-speed cultivating. Two and four-row units handle 28 to 42-inch rows. Six row cultivator takes 28 to 30-inch rows . . . can be converted to four-row unit for 28 to 42-inch rows.

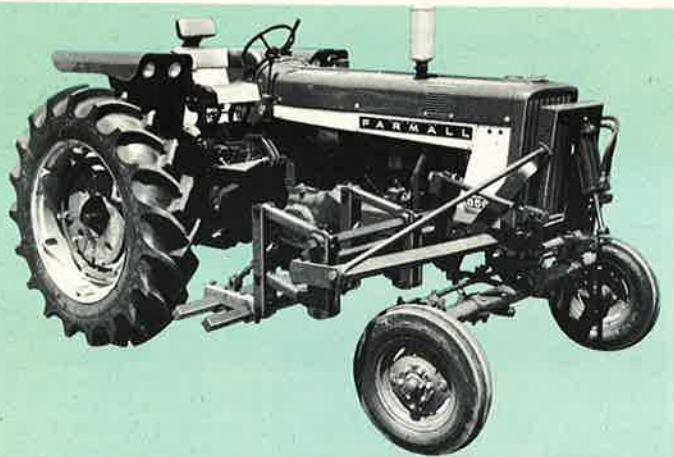


144 For use with IH Cub or Farmall 140 Tractors. Cultivator (offset-seat design of tractors) lets you look straight ahead while working inch-close to tender plants at fairly fast speeds. Works 36 to 40-inch rows with Cub Tractor, 40 to 68-inch rows with Farmall 140.



85 Series 6, 8 and 12-row. This front mounted cultivator series not only clears big 10.00 and 11.00-16-inch front tires but is available in four different models — a six and eight-row with 36-38-40-inch row spacings and an eight and 12-row for 28-30-inch rows. Each features high-strength steel right and left hand frames that are hinged to better follow ground contour, symmetrical tool-

ing for greater clearance in narrow, bushy rows, heavy-duty parallel linkage with adjustable upper link and gauge wheels with precision bearings. New front-end clearance makes for easier mounting and dismounting of the cultivator and faster changing from field to transport. For Farmall 706, 756, 806, 856, 1206 and 1256 tractors.



660 4 and 6-row beet and bean cultivators give clean, hoe-close cultivation in vegetables as well as other crops. Handle heaviest tooling, including 1 x 3-inch shanks and middlebuster bottoms. Available with 104 or 160-inch frame. 160-inch frame permits cultivation of six 40-inch rows. For use with Farmall 504, 656, 706, 756, 806, 856, 1206 and 1256 Tractors.





1000 SEMI-MOUNTED MOWER is available for tractors with 3-point hitch, 2-point Fast-Hitch or standard drawbar. Backs and maneuvers like a fully mounted mower, yet follows ground contours like a trailing mower. Short coupled for cutting square corners . . . compact for storage. Hydraulic cutter bar control.



1100 TRAIL-TYPE MOWER can be used with practically any make or model tractor equipped with standard pto and drawbar. Short tongue permits short turns, results in easy maneuverability. Remote hydraulic cylinder raises and lowers the cutter bar.



1300 3-POINT FULLY MOUNTED MOWER fits International and other makes of tractors equipped with Category I or II hitches. Hitch pins bolt on for easy replacement, and cutter bar height-of-lift mechanism is adjustable.

1200 2-POINT FAST-HITCH MOWER (not shown) is for mounting on International Fast-Hitch tractors.

1000 series balanced head mowers

Available in semi-mounted, trailing, 2-point or 3-point mounted and side mounted models, these mowers are built for reliable big-capacity clean-cutting performance — mow more than 6 acres per hour with 9-foot cutter bar (also available with 7-foot cutter bars). Faster, shorter, more powerful knife strokes do the job with 100% cutting action made possible by IH's wrist-action balanced head drive. There are no connecting rods, gears, or pitman. Precision counterbalanced

sickle drive controls vibration, permits sickle speed of 2,000 strokes per minute. Extra short sickle stroke eliminates extra motion, keeps knife sections exposed, always ready to cut.

Sickle is always in register because the wrist-action drive is mounted right on the cutter bar and register is not affected by cutter bar angle. That's why these mowers are so effective for cutting over all kinds of field surfaces.



2110 SIDE MOUNTED MOWER is easy to attach, provides unmatched visibility for mowing stump or rock infested fields. It fits most International tractors and is equipped with the same balanced head action as the other 1000 series mowers.

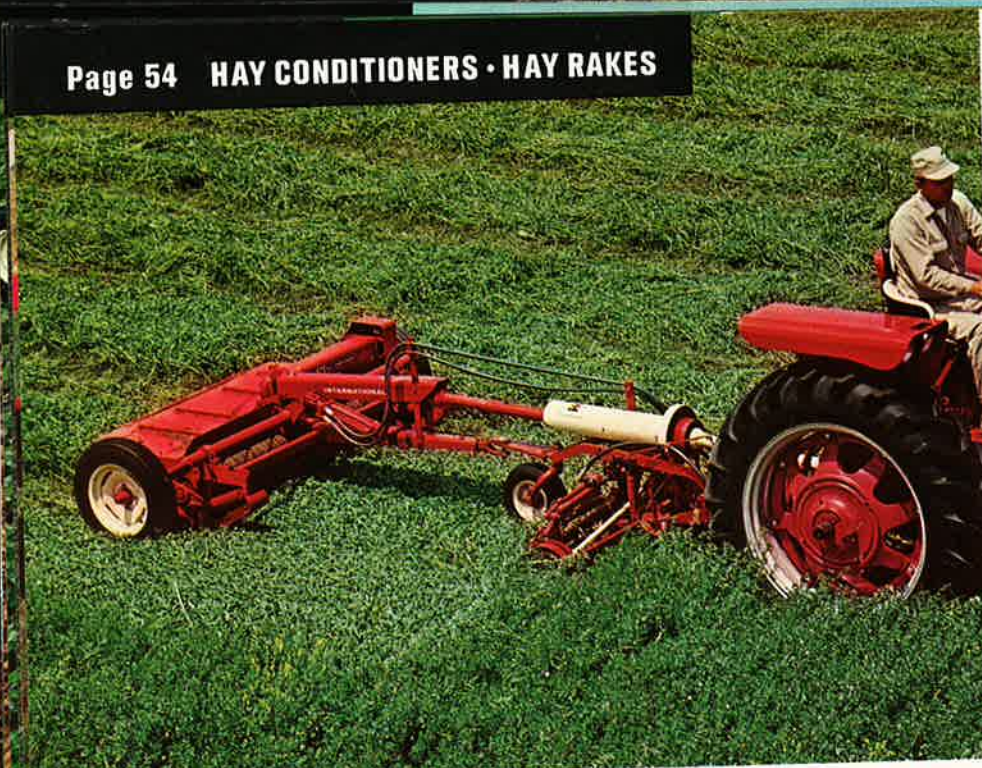
200 is semi-mounted and extra versatile because it adapts easily to a wide variety of tractor models.

If a Pitman mower
is what you need
**check the
revolutionary
200 and 230**

Exclusive vibration isolation, that's what puts the quality-built 200 and 230 pitman mowers in a class by themselves. And the reason is that a patented "pendulum" isolates pitman vibration from the mower frame. That means you can mow at speeds up to 6½ mph with assurance that the minimized vibration will save wear and tear on yourself, the mower and the hitch. What's more, these two revolutionary mowers cut cleaner than ordinary pitman types because vibration harnessed by the patented linkage is put to work to increase shearing power and to boost the 7-ft cutter bar's ability to clean itself. Better check the 200 and 230 soon. They are ideal companions for tractors in the 444-544 class.

230 is a short-coupled 3-point hitch mower with the extra maneuverability that makes it handy to operate.





33 HAY CONDITIONER. Double rubber rolls thoroughly crush hay. Raising the conditioner opens the rolls, makes it easy to clear slugs. Roll bearings are regreasable, and lower ones are mounted on the outside of the frame to prevent wrapping. Can be used with any mower having conditioner drive.

Condition hay to cut curing time



34 HAY CONDITIONER—Similar to the 33 except it has a rubber roll on top and a fluted steel roll on the bottom. It'll handle everything from short alfalfa to taller canes, and works good in high moisture conditions. Patented toggle linkage maintains equalized pressure on incoming hay regardless of volume.



16 SIDE DELIVERY RAKE—Equipped with gear box drive and 8½-ft. basket, the 16 is ideal for big hay producers. It has adjustable raking angle and short wheelbase—sweeps clean even in low spots. Teeth are grouped in threes, and both beans and hay can be windrowed with the same basket. Rubber-mounted teeth are available.

Rake clean and fast a model for every crop and condition

14 SIDE DELIVERY RAKE—Most of the features of the 16 are built into this rake. It has direct drive and a 7-foot basket, and will rake both beans and hay. Like the 16, it has a floating basket to assure clean raking. Tapered roller bearings at both basket ends provide strong support and smooth action. It's just right for the average grower.

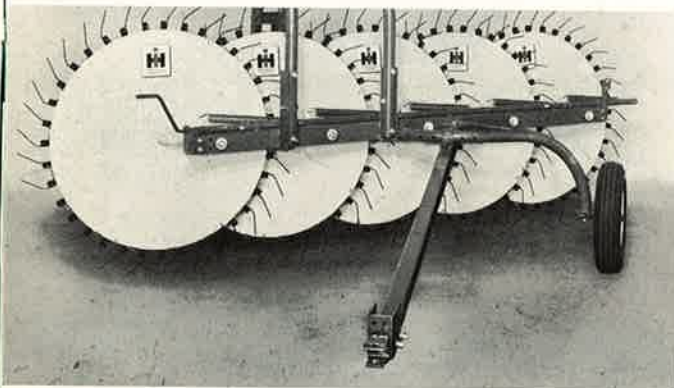
9 SIDE DELIVERY RAKE—Economy priced and just right for smaller tractors. Rakes a 7-foot swath, is pto driven and fully mounted on a 3-point hitch. Two-speed reel drive is standard, with a slow speed adapting package available. Wheels are offset and independently suspended for clean raking.



DIAL-TYPE HITCH—permits quick adjustment of rake position behind tractor—vertically adjustable clevis adapts to various drawbar heights. Transport wheels easy to set for operating angle or transport position.



NEW 30 WHEEL RAKE—Raking wheels float independently to gently clean-sweep field surface—over borders, terraces and low spots, as well as on even ground. Adjustable for float tension and raking angle. Construction is simple and dependable—ground-driven raking wheels operate without pto, gears or belts. Available with 5, 6 or 7 raking wheels which rake swaths up to 8'0", 9'6" and 11'0" respectively. Exclusive "over-the-top" double arch supports right transport wheel, permits uniform spacing of all raking wheels so there's equal overlap.



175 The 175 has faster harvest speeds and more comfort than any other windrower in its class. Makes 1,120 cutting strokes per minute. Low-angle, 42-inch-deep 10½, 13½, 16½, and 19½-foot platforms move tallest grain gently into the windrows, with heads on top of the stubble. Drapers extend beyond the throat opening, preventing the twisting of grain.

Why is the 175 so popular?

It's sized, priced, and built right, offering more at a low price than any comparable windrower. Simple, uncluttered design features rugged, quality construction throughout. The sturdy chassis with husky tubular main frame maintains good alignment. All controls emphasize convenience, safety,

and ready response. The 175 is highly maneuverable — turns, pivots, or reverses with ease. Goes where you want, when you want. Cuts clean at high speeds to finish fields fast. Gets all the crop in minimum time, laying uniform quick-drying windrows in a wide variety of crops and conditions.



200 A clean-cutting pull-type windrower with 1,080 stroke per minute efficiency in grain and flax. A 16-foot wide, extra-deep 42-inch platform is standard. Double-swath attachment puts two 16-foot swaths into dual side-by-side, or single double-size windrows—saves time and money in short, low volume crops. Does exceptional job in good stands.



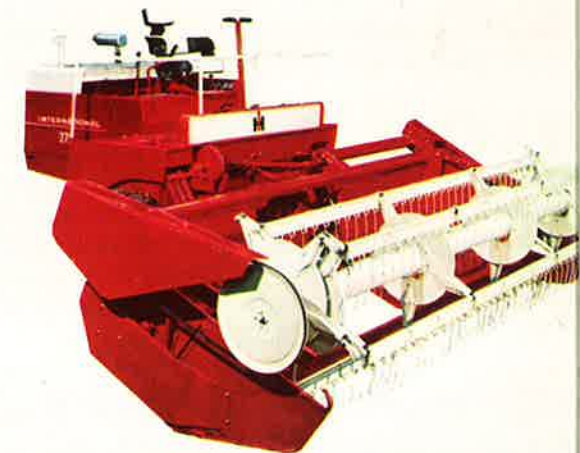
175 With 10½-foot platform, effectively handles all but the sorghums or similar crops when exceptionally tall. Exclusive narrow self-cleaning apron helps prevent material build-up and clogging under front edge of aprons.

Fast-cutting with a

For fast windrowing with peak crop-saving performance, you can't beat these International self-propelled windrowers.

The 175 has faster harvest speeds and more comfort than any other windrower in its class. Makes 1,120 cutting strokes per minute. Can also be used in grain by latching hay conditioner in raised position.

Whether windrowing or swathing, the 225 makes 1,520 3¼-inch strokes per minute, in a 10-foot width.



The pickup reel (above) is available for dual auger 275 and 375 windrowers: the low-profile reel (shown in field at right) is available for dual auger and single auger forms.

NEW **225** Has extra wide conditioner, lays well-formed, airy windrows, or faster drying full width swath. Exclusive shot auger design lets you handle everything from dense, tangled crop to tall growing sudan-sorghums.

275 Has "feather-touch" infinite steering, variable speed drive up to 9 mph. Clutch and exclusive self-equalizing brakes give you excellent steering and stopping control.

windrowers gentle touch

cut. Header can be adjusted to cut at from a 6° to 12° angle, anywhere between four inches below the drive wheel level to 23 inches above.

The 275 and 375 cut at 1,500 3¼-inch strokes per minute, slicing through crop faster than any other big capacity windrower. Patented 10, 12, 14, and 16-foot dual-auger platforms feature "float-over" action—an IH exclusive that is unbeatable for gentle handling. Single-auger, 14-foot platform is recommended for extra tall, coarse crops.



Factory-installed pressurized cab is biggest cab on the market, has many comfort pleasing features including: all windrower controls inside the cab; doors on both sides, with inside and outside handles; extra-wide windows, excellent sealing and sound insulation; big-capacity dust removing filter for 275 and 375.

375 One-lever controlled hydrostatic all-speed drive with hydrostatic steering-wheel power steering. Move forward at any speed up to 12 mph; reverse or brake, with no clutching, no shifting.



Performance-

Field proven in every crop

What do you want in your next baler — simplicity in operation? Because here are the ones that save time on every move. That are easy to get ready, easy to keep going. That have fewer and more simple adjustments than any other balers on the market.

Dependability? You'll take your 400 for granted as it turns out thousands of bales without a miss. It's built right to bale right with plenty of brawn to stay on the job as long as the crop is there.

Versatility? Tested in every type of crop in every part of the country, you can rest assured your 400 will handle anything you've got to bale. Alfalfa, straw, prairie hay, sudex, cane, or even corn stalks. You name it, and there's a 400 ready to put it up fast and right.

Capacity? 15, 17, or 19 tons — take your choice. You may never put up 15 ton windrows, but it's the capacity you need to handle many crops in many conditions. Heavy back-swath windrows, wind blown hay, double swath windrows, varying yields in hilly conditions. Just some of the places where big 400 capacity comes in handy. Keeps you on the go while others slug down and quit.

And these new 400's are loaded with features you're sure to like. To name a few, there's shearing knives with a tungsten carbide cutting edge that can last up to 30,000 bales without resharpening. A Swedish steel twine knife that you change like the blade in your razor. Or rubber mounted pickup teeth that are field proven to last up to three times longer than conventional teeth.



420 14x18-inch twine baler with up to 15 tons per hour capacity—an effective pickup width of 55 inches—Shuttle Glide feed—PTO 2-knuckle drive, or a 3-knuckle PTO with 8-inch offset hitch—International 3-phase knotters with chrome-plated tying parts—and top, or top and bottom bale tension.

430 14x18-inch twine or wire baler with up to 17 tons per hour capacity—an effective pickup width of 57 inches—floating-auger packer-finger feed—PTO 2-knuckle drive, or a regular or heavy-duty 3-knuckle PTO with 8-inch offset hitch, or 18 or 30 hp air-cooled engines—International 3-phase knotters with chrome-plated tying parts, or International double-thickness wire twisters—and top, or top and bottom bale tension.

440 14x18-inch twine or wire baler with up to 19 tons per hour capacity—an effective pickup width of 65 inches—floating-auger packer-finger feed—regular or heavy duty 3-knuckle PTO with 8-inch offset hitch, or 18 or 30 hp air-cooled engines—International 3-phase knotters with chrome plated tying parts or International double-thickness wire twisters—and top and bottom bale tension.

rated 400's



420 baling Iowa straw.



420 baling Illinois alfalfa.



440 baling Oklahoma sudan.



440 baling Nebraska prairie hay.

International 3-phase knotters tie more and better bales

Don't let anyone tell you their knotters tie "just about like Internationals"—it just isn't so.

First of all, International 3-phase knotters have fewer parts to adjust, fewer parts to maintain. So it stands to reason they'll save you time, money, and aggravation. They'll get you into the field faster—and keep you there with little or no down time.

Second, every other baler ties an ordinary single diameter knot that can cinch the fibers and weaken them. International ties a bow-type double-diameter knot that cushions the fiber to avoid cinching and breaking. Result: A knot that is up to 17 percent stronger by actual tensile test.

Third, some balers do not chrome plate any tying parts. Others chrome plate only on the larger and more expensive balers. International chrome plates *all* tying parts on *all* balers. Your assurance of long wear, no rust, and better twine handling.

Let's look at the chart to the right and see how an International 3-phase knotter works. Let's compare it to a 5-phase knotter. Perhaps you might consider 3-phase advantages reason enough to look at an International baler next time around.

57 baler for irrigated hay areas

If you need a still larger baler with custom capacity, up to 20 tons per hour, take a look at this International 57. It makes 15 x 19 inch bales, 12 to 48 inches long, and weighing up to 100 pounds (125 pounds wire tied). It is available with a PTO or engine drive. Also, a bale thrower for the engine drive model.

5-phase knotter	International 3-phase knotter	3-phase knotter advantages
Phase 1: Needle brings twine up to knotter.	Phase 1: Same.	None.
Phase 2: Tucker finger locates or positions twine next to bill hook.	Phase 2: Eliminated. Stationary breast plate finger* positions twine automatically.	Eliminates tucker finger and control linkage . . . eliminates need for adjustment.
Phase 3: Twine holder disc assembly holds twine while bale is being formed . . . during tying cycle, twine must be drawn through disc and keeper blade under tension.	Phase 3: Exclusive over-center keeper blade* locks twine automatically . . . releases twine during tying cycle.	5-phase knotter requires spring-loaded keeper blade that needs critical adjusting for heavier bales . . . misadjustment often causes broken or lost twine.
Phase 4: Bill hook forms knot.	Phase 4: same.	International twine is controlled by a twine retainer spring that requires no adjustment regardless of bale weight.
Phase 5: Knife and stripper assembly cuts twine and strips knot off bill hook.	Phase 5: Eliminated. Stationary knife on disc assembly cuts twine . . . next bale strips twine off bill hook automatically.	3-phase uses larger bill hook* to better accommodate varying sizes and types of twine.
		5-phase knotter requires "adjustment" by bending stripper arm. 3-phase needs no adjusting.

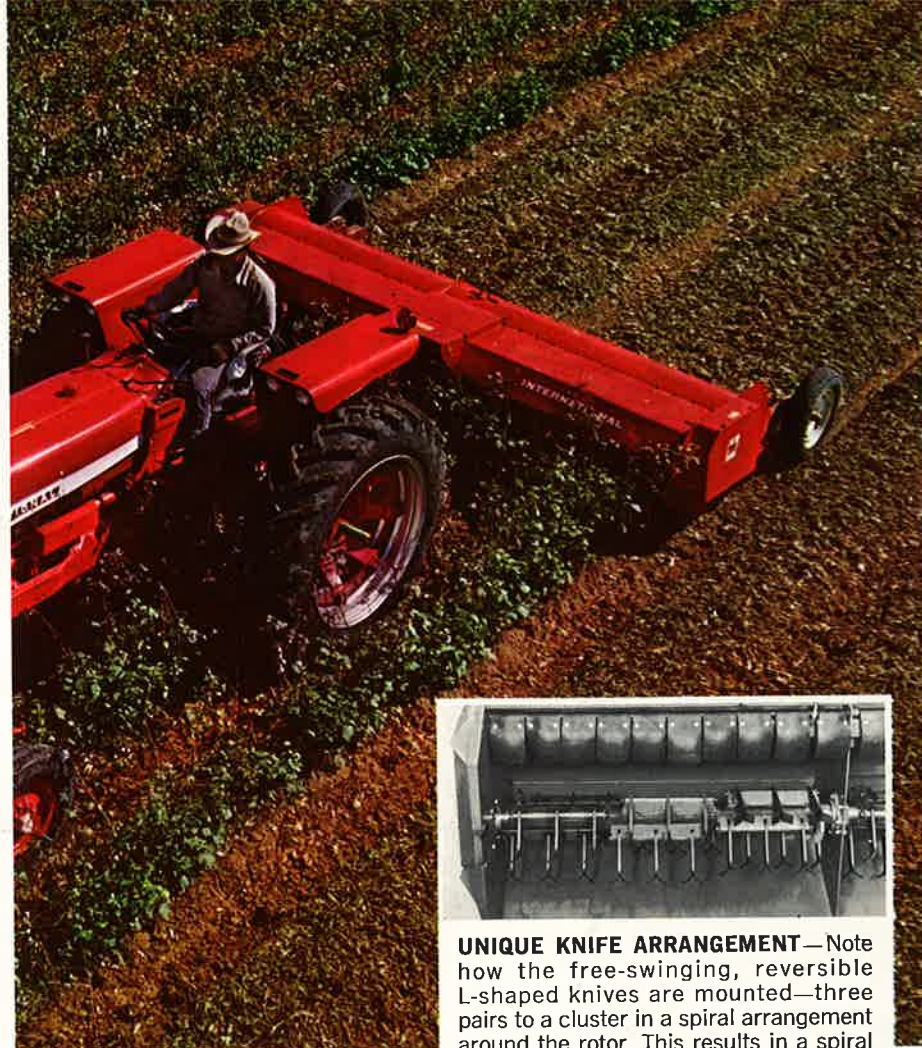
*Chrome plated on all International balers.





Flail-chop big loads fast —regardless of weather

8 FLAIL CHOPPER—Big capacity—takes a hefty 6-foot cut with 68 husky L-shaped knives. Double-cutting action, extra inches of cutting edges and fast rotor speed provide fast, clean performance. Auger-blower combination keeps heaviest, toughest material on the move—even handles rain-drenched alfalfa without plugging. Patented straps lock tandem-mounted knives to rotor, making it easy to replace knives without removing the rotor. And when knives are worn, it's a simple matter to re-balance the rotor. Adjustable wheel tread and dial-type hitch.



UNIQUE KNIFE ARRANGEMENT—Note how the free-swinging, reversible L-shaped knives are mounted—three pairs to a cluster in a spiral arrangement around the rotor. This results in a spiral effect cutting action for lower and more uniform power requirement. Knife replacement is simple and easy.

NEW Heavy-duty shredder for cotton and corn stalks, trimming headlands, clipping pastures, etc.

40 SHREDDER—Wide 150-inch cut covers big fields fast, providing excellent overlap for handling four 40-inch rows, five 30-inch rows or eight 20-inch rows. Cotton growers will like the way its aggressive, thorough shredding action destroys cotton bolls as well as stalks for effective control of pink bollworm infestation. The 40 Shredder not only is useful for shredding crop residues, but also for effective cutting and shredding of obnoxious weeds, tall grass, brush, etc.

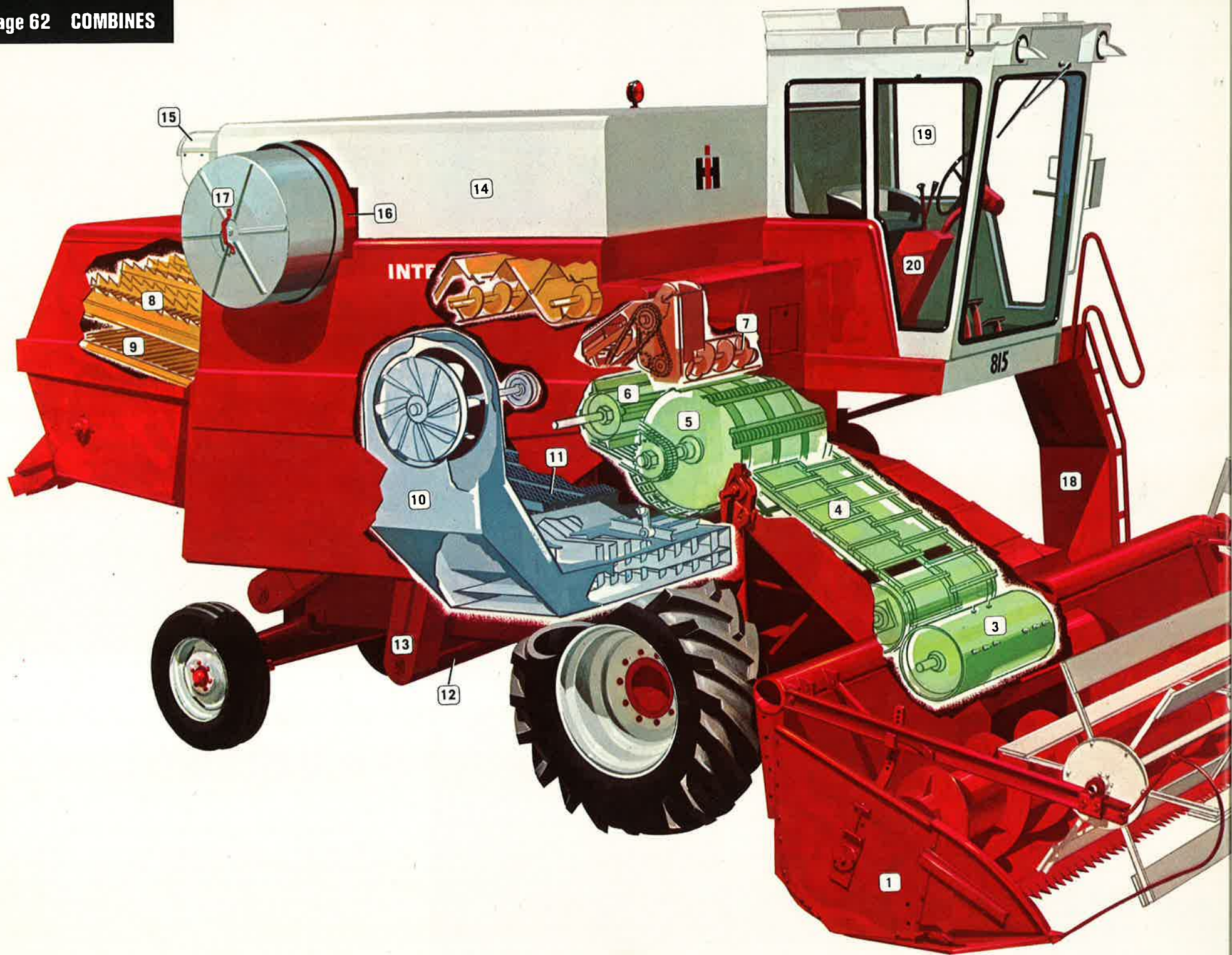
NEW Monitor-Control 815-915 Combines

Here are the new Monitor-Control 815-915 combines with features, capacities, and controls beyond compare. Now you can have everything you dared dream about . . . like Quick-Attach grain platforms and corn heads . . . giant-sized threshing, separating, and cleaning capacities . . . Even-Flow cleaning with revolutionary plenum chamber air distribution . . . grain tank capacities up to 150 bushels . . . International V-8 and diesel engines with up to 144 horses . . . a hydraulically-controlled swinging unloader-auger . . . and famous International Hydrostatic Drive, to name a few.

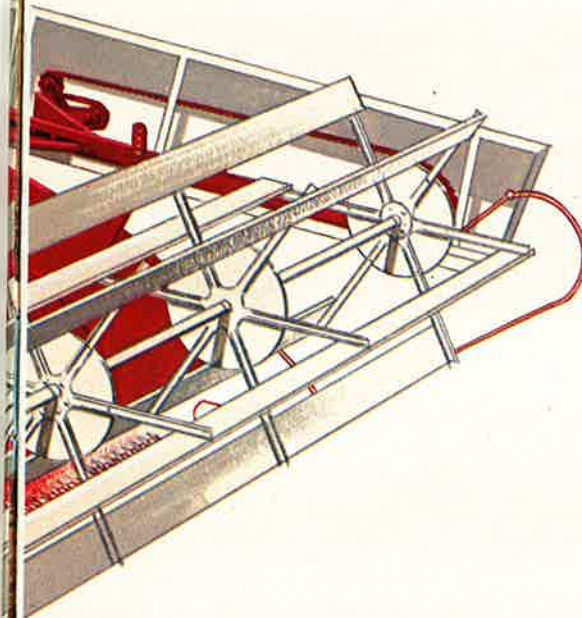
And now, with this new generation of high capacity combines, comes Monitor-Control, a new concept in operator comfort and convenience . . . a system that takes the guesswork out of combining and makes every move easier, faster, and more productive. You'll find these new Monitor-Control combines such an entirely new experience . . . such sheer pleasure to operate, you'll agree they're beyond the limits of comparison with conventional combines.

Both the 815 and 915 offer a choice of 13, 14, 15½, 16½, 18½, and 20½ foot grain platforms. The 815 offers a choice of low profile corn heads in 2, 3, 4, and 6 row sizes for both wide and narrow row corn—the 915 offers 4, 6, and 8 row heads for both wide and narrow corn rows.





High capacity Monitor-Control features all the way through



1 Grain platforms with International deep-ledge design are available in 13 to 20½-foot sizes. And they offer a choice of styles: (1) with a conventional bolt on feeder for grain platforms only, or (2) a Quick-Attach universal feeder for fast, easy change-over from beans to corn, from cutterbar platform to windrow pickup platform, or for easier storing and loading for transport.

To dismount, just remove the platform or corn head drive chain—uncouple hydraulic connections if any—and remove a couple of quick-attach cotters and knock-out wedges. Can be done in a few minutes with no lifting, no special tools.

2 All new corn heads (not shown) feature modern low-profile design. Everything, including stalk rolls, divider points, gathering chains, and stripper plates, is built closer to the ground for more efficient operation in down and lodged conditions, and for new varieties with low-hanging ears. Additional features include live-point rolls, ear-saving pockets, tall corn shield, spring-loaded gathering chains, and floating divider points.

3 Feeder drum, with retracting fingers, moves the crop onto the undershot feeder where it is fed in a smooth bunch-free flow to the cylinder.

4 Undershot feeder has rugged steel slats carried on three husky roller chains.

5 Massive 22-inch diameter cylinder extends past the side sheets in order to use every inch of separator width for threshing.

The cylinder is driven from the beater shaft with a double roller chain. An optional variable speed drive with gauge lets you change speed on the go.

Cylinder concave spacing is crank-controlled from the operator deck. And it includes a console gauge.

An optional stone trap, equally effective for both grain platforms and corn heads, is lever controlled from the left hand side of the separator.

6 Extra-large, extra heavy cylinder beater keeps the crop moving sure and fast. Retains more horsepower at the cylinder to help avoid overloading and slugging.

7 Tailings return is spread across a wide area of the cylinder for cleaner threshing, better separation and cleaning. A visual tailings check can be made on the go.

8 Fin and wire rotary straw racks provide a total and effective separating area of 5,987 square inches on the 815, 7,467 square inches on the 915. A giant overhead clearance of 20 inches handles heaviest straw without plugging.

9 Notched oscillating return pan moves the crop onto the sieves. It avoids bridging or plugging of straw, and prevents grain loss at the rear.

10 Revolutionary Even-Flow cleaning draws in clean air approximately 6 feet off the ground. Forces it down a chute into a plenum chamber ahead of the sieves. Baffles diffuse and direct air up through the sieves. All you do is dial a speed to suit the crop and forget about it.

11 Fully adjustable sieves provide a cleaning area of 3,742 square inches on the 815, 4,738 square inches on the 915.

12 With Even-Flow cleaning, the bottom of the cleaning section is completely enclosed to prevent grain leakage. No moving seals to wear.

13 Big 8 x 8 inch clean grain elevator is top driven. Has a long-life roller chain conveyor with rubber flights.

14 Acre-Capacity grain tanks with up to 140 bushel capacity on the 815, up to 150 bushels on the 915, keep you on the go.

15 Hydraulically controlled swinging unloader auger saves time and muscle. Unloads 1.1 bushels per second from over 10 feet high. Can be used to top off a load evenly.

16 Choice of International V-8 gasoline, LP gas, or 6 cylinder sleeved diesel engines with up to 144 horses. Engine, including radiator is shock-mounted to reduce vibration.

17 Extra large rotary engine screen is self cleaning. Has patented nylon brush seal to keep chaff and straw off radiators.

18 Hydraulically controlled ladder (optional) swings up and out of the way.

19 Comfort-Control cab lets you adjust air circulation, cooling, or heating to match individual needs. Two large pressurizer blowers pull in 550 cfm's of air through 40 square feet of filter.

20 Hydrostatic All-Speed Drive is regular. Already customer proven on thousands of International combines. Saves time and effort on every move.

Monitor-Control takes the guesswork out of combining. Includes gauges and controls found on no other combine. Monitors such as the engine overload gauge, or one that tells you if the elevator drive is starting to overload or slip. Controls to hydraulically dial reel speed changes on the go, to raise the mounting ladder hydraulically, or to swing the grain tank unloader auger hydraulically.



403 Has an International six cylinder, 90-horsepower gasoline, LP gas or diesel engine, a 65-bushel grain tank (96 bushel with extension), 13, 14, 15½, 16½, or 18½-foot platforms, a two-row corn head for 38 to 42-inch rows, a three-row head for 28, 30, 32, 38 and 40-inch rows, and a four-row head for 30, 36, 38, and 40-inch rows. Available with hydrostatic drive.

315

Has an International six cylinder, 72-horsepower gasoline engine, 70-bushel dual grain tanks, 10, 13, 14, or 16-foot grain platforms, a two-row corn head for 36 to 42-inch rows, and a three-row head for 28, 30, 32, 38, and 40-inch rows. Available with hydrostatic drive.



The right combine for every size job... every crop...every size pocket book



82 Has a 540 or 1,000 rpm power take-off drive, a 32-bushel grain tank, and a 7-foot grain platform available with a drum-type windrow pickup.

105 Has an International four cylinder, 55-horsepower gasoline engine, a 55-bushel grain tank, 10¾ or 13-foot platforms, and a two-row corn head for 36 to 42-inch rows.

205 (Not shown) Has an International six cylinder, 61-horsepower gasoline engine, 60-bushel dual grain tanks, 10 or 13-foot grain platforms, a two-row corn head for 36 to 42-inch rows, and a three-row head for 28, 30, and 32-inch rows.

402

Features a 540 or 1,000 rpm power take-off drive, a 65-bushel grain tank (96-bushel with extension), and a 13-foot grain platform available with a 10-foot drum-type or a 10 or 12-foot belt-type windrow pickup.



**HILLSIDE SPECIALS**

are available in the Model 403 with conventional 2-way leveling or popular and exclusive 4-way leveling. Only 4-way leveling lets you open fields any way you want for easiest and fastest haulouts — keeps the combine weight on the drive wheels for superior ground-gripping traction—keeps the threshing mechanism level at all times for maximum grain-saving efficiency—and provides unmatched safety on steepest slopes. And now they're available with Hydrostatic Drive that makes hillside operation even more productive and less hazardous.

RICE SPECIALS,

available in 315, 403, 815 and 915, provide a size and price to match every rice operation from California to Louisiana. And all models are specifically equipped with special shielding, slow-speed transmissions, special cane and rice tires, and many other features you need for tough rice harvesting. Spike-tooth cylinders and other rice options are available for all International self-propelleds. 403, 815 and 915 Rice Specials are available with wheels or tracks.

**EDIBLE BEAN EQUIPMENT**

is available for all self-propelleds. To help get rid of sand and dirt, Edible Bean Specials are equipped with perforated bottoms for the shoe, grain pan, augers, and elevator doors. Slow-speed drives provide extra separating and cleaning time. While additional flights in the clean grain elevator move large volumes of beans fast to avoid scuffing and cracking.

WINDROW SPECIALS,

available in the 402 pull type and 403, 815 and 915 self-propelleds, have everything you need to handle heavy windrowed crops in record time. In addition to a wide undershot feeder that can be locked in place to comb out fluffy or bunched windrows, there's an aggressive feed beater ahead of the cylinder to break up and help feed tangled or ropy windrows. Self-propelleds are available with exclusive hydraulic draper pickup drive to feed bunched windrows evenly, and hydrostatic drive.

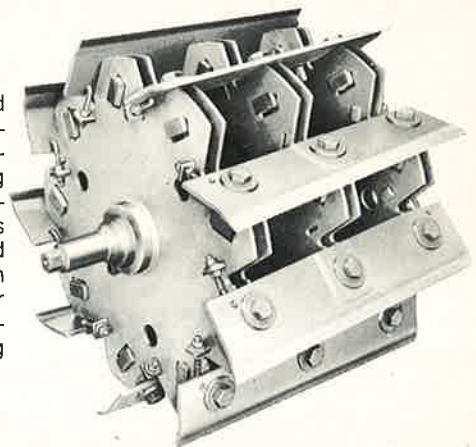




Chop fine and fast for high quality forage

550 FORAGE HARVESTER—Up to 80 tons per hour capacity speeds this reliable big-acreage performer through the toughest chopping chores, making it the ideal choice for the big operator. The extra efficient drum-type feed roll system, including drives, plus big feed opening and fast easy-chop performance of the cutter head account for the 550's big capacity performance. The reliable cutter head chops finer than 1/4-inch, and is built with enough strength to help protect the entire cutting and feeding system from widespread damage when rocks or other uncuttable objects are encountered. A modern power knife sharpener quickly rehones the hard surfaced blades which are standard equipment. Length of cut can be quickly selected with a three-position lever on the gear box, and by removing blades. The axle is adjustable to match crops and conditions. Crop units include windrow pickup, direct cut, wide 2-row, narrow 2-row and 1-row heads.

CUTTER HEAD has 9 hard surface knives for long endurance in tough chopping. Construction is simple, making knife adjustment and replacement easy. Double rotor plates add strength with reduced weight for extra protection against rocks, etc. Shear bar on the 550 is also hard surfaced and reversible for long life performance.



350 FORAGE HARVESTER—The handiest, most dependable one-row chopper in the business. Chops at a rate of up to 40 tons of corn an hour. Clean-slices grass, hay or corn short and uniform for tops in high quality silage or haylage. The 350 has many of the high dependability benefits of the 550, including the cutter head with hard-surfaced knives. Crop units can be changed in 10 minutes or less, and operating controls are within easy reach. In addition to the 6-foot cutter bar unit, there is also a 54-inch wide windrow pickup unit and a 1-row crop unit.

Regular 16-foot model with rubberized belt-type cross conveyor and 4-foot sides mounted on International 70 Trailer.

Handle forage fast, efficiently

51 POWER FORAGE FEEDER—Four basic models fit any feed system, cut costs:

- 16-ft. with short (12-in.) chain-type cross conveyor
- 16-ft. with long (36-in.) chain-type cross conveyor
- 16-ft. with rubberized belt-type cross conveyor (extension attachments available)
- 14-ft. with long (36-in.) chain-type cross conveyor

Versatile features economically fit a wide range of specific forage and haylage handling requirements. Big 16-foot models have 350 cu. ft. capacity with 4-ft. sides, 525 cu. ft. with 6-ft. sides, and feature both front and rear unloading. The tailgate hinges at the top and opens at the bottom for big-capacity rear unloading.

All units are shipped from factory in kits (metal parts and instructions for custom building bodies locally). They can be ordered fully assembled, however, through one of the IH authorized build-stations conveniently located about the country. Kits available with two beaters for 4-ft. sides, or with optional third beater attachment for 6-ft. sides.

BUNK FEEDER SPECIAL

—This is a 14-foot model built specifically for front-end unloading, and is available equipped with long (36-in.) chain-type conveyor, only. Capacity with 4-foot sides is 300 cu. ft. — with 6-ft. sides, 450 cu. ft.



Here is model with 6-foot sides and third beater attachment. Metal roof attachment, as shown, also available. Unit shown mounted on International 140 Trailer.





Blows 100 tons per hour to a height of 100 feet

56 BLOWER — Exclusive 45° feeding system augers crop in a uniform, near straight-line flow to the big rotor. This unique system is why the 56 can handle 100 tons of corn silage an hour and blow it 100 feet and higher. With haylage . . . 70 tons an hour to heights of 100 feet or more. Rotor is 56 inches in diameter, the biggest in the business. And because the pto drive is direct, the 56 takes up to 20 per cent less horsepower than conventional blowers to do any given job. Lots of convenience, too. An independent clutch gives full control over the 39-inch long, 10-inch diameter auger. Wheels are adjustable for height, and a quick adjustment makes it easy to change the angle of the blower outlet to reach hard-to-get-at silos. Hose holder is standard equipment. Rotor is straddle mounted for long service and it is cradled in a box-type frame to assure proper alignment even under the stress of heavy blowing.

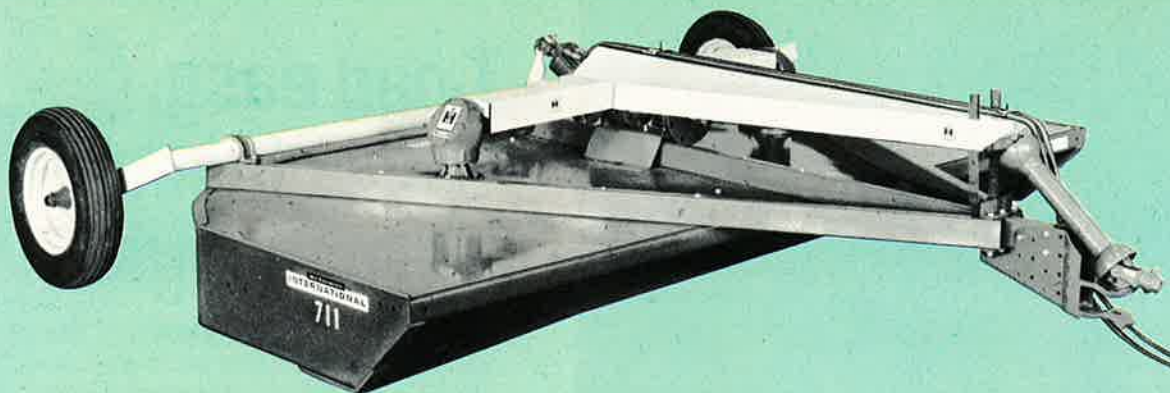
From field to silo—

Teamwork

can pay off in extra profits

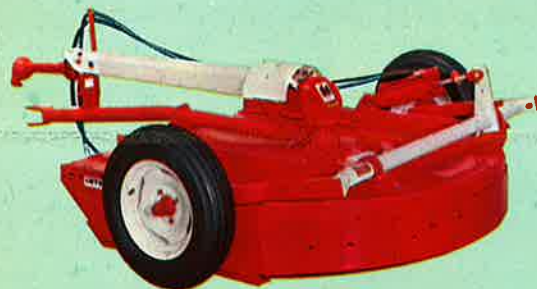
It takes coordination of reliable compatible equipment to get forage safely into storage with maximum efficiency. That's why it'll pay to check the advantages of this capacity-matched International forage handling team—550 (or 350) Forage Harvester, 51 Power Forage Feeder, and 56 Blower. It'll score big against the toughest competitors.



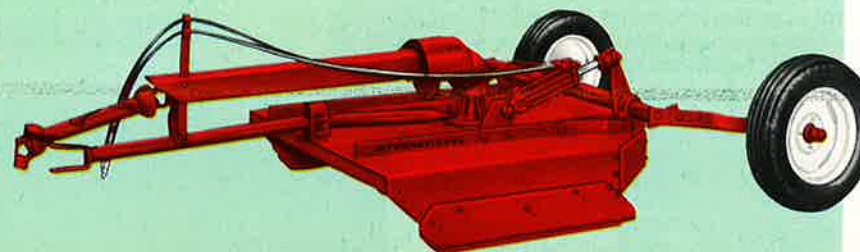


711—Meet the king of the stalk shredders. Big 2-rotor, 147-inch cutting width is designed to make short work of big acreage stalk fields. Reversible knife rotation adds versatility. Drive lines are torsion protected, and an exclusive rotor bar stabilizing ring protects spindles from bending. Cutting

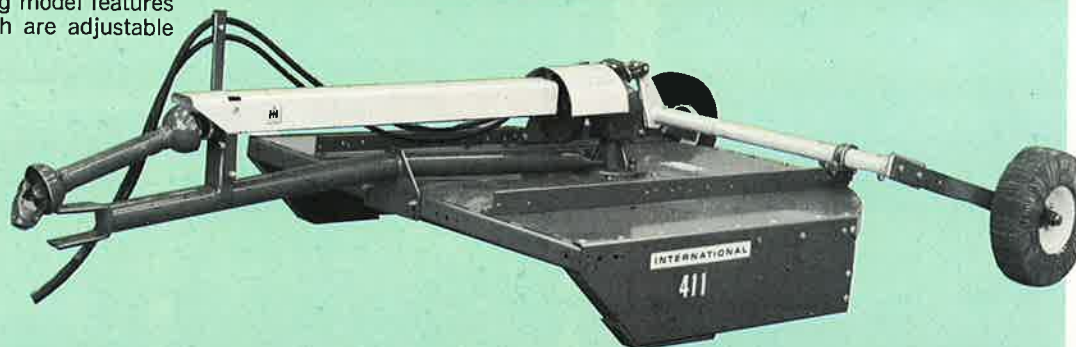
height adjusts from 3 to 17 inches, and the extra deep (14-inch) box assures thorough cutting and shredding. Adjustable back sheet is available. Dual position wheels (side or rear) and telescoping axles offer unmatched versatility for all crops and conditions.



311—Cuts and shreds a 66-inch swath and handles trees and brush up to 3-inches in diameter. Rotor housing is 13½ inches high, and rear top deck is semi-circular for better shredding and trash distribution. Heavy-duty spindle is induction hardened. The 311 is available in trailing, 3-point hitch and 2-point hitch models. Trailing model features dual position wheels which are adjustable to row crop spacings.



211—Small and handy, the 211 cuts a 60-inch swath and slices saplings up to 2 inches in diameter. Dual position axle on trailing model adjusts for stalk shredding (wheels in side position) or for grass and brush cutting (wheels in rear position). When wheels are in the rear position they adjust to run inside or outside of the cutter housing. Available also with 3-point or 2-point hitch.



411—Designed primarily for stalk cutting, the 411 is a single rotor machine that cuts and shreds a 72-in. swath. A high profile housing, plus the semi-circular housing shape, increase the holding and shredding ability of the 411. Like the big 711, the spindle is protected

against bending and a tie-strap keeps the rotor bar from deflecting under impact. Wheels switch from side to rear position, and are adjustable for width. An adjustable backsheet is available.

Tops for stalks great for grass

Corn stalks, cotton stalks . . . makes no difference to an IH rotary cutter because they are made to order to handle the toughest, rankest stalks you can find. Knives are long, thin, and attached to a short, reinforced rotor bar for increased cutting power and reliability. Knives pivot on hardened, replaceable bushings and are mounted with special bolts and positive locknuts. All IH rotary cutters are reinforced with a heavy-duty W-channel which runs full-width of the housing to increase overall strength and to retard the material being cut so that shredding is improved. A variety of optional equipment lets you customize to match conditions. Shredding attachment, windrower attachment, ratchet lift, harrow hitch, pickup fingers, dirt shield and lock-out and height adjusting attachment and a wide variety of knives are available.

IH rotary cutters are tops for shredding, great for grass and brush cutting. Pick the model that meets your need.

Model	Cutting width, inches	Available hitches			Knife tip speed (feet per minute)
		Trailing	Three-point	Two-point	
211	60	yes	yes	yes	14,977
311	66	yes	yes	yes	16,480
411	72	yes	yes	yes	18,000
711	147	yes	no	no	14,250



275-bushel spreader is especially suitable for large dairy herd and big feeder operations. Bogie axle arrangement of the tandem wheels lets you go over humps or through ditches with minimum tipping or twisting of box and frame; smooths heavy-load rides, reduces wear and tear.

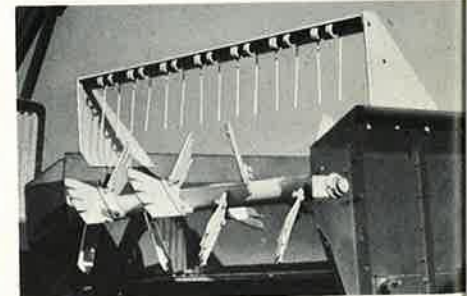
320-bushel spreader is ideal for custom operators, farmers, and feeders who handle huge volumes of materials over long distances. Mounts on truck chassis having a minimum rear axle capacity of 15,000 lbs.



130, 155, and 175-bushel spreaders let you pick a conventional single beater in the size that's best for your operation.



Endgate (130, 155 & 175)—Low-cost, snug-fitting mechanical endgate helps hold soupy manures.



Spring Bar (130, 155 & 175)—Helps level load and regulate material flow into beaters

Load easy, travel fast and spread right

High-speed spreading efficiency through low-cost single beater simplicity is common to each spreader in this series. So is their record of outstanding durability. "Bear-Claw" beater action cuts, shreds, and widespreads in one operation. Individually replaceable Bear-Claw beater paddles make widespread ground pattern. Your choice of 540 or 1,000 rpm pto drive in 130, 155, 175, 275, or 320-bushel capacity models—all built to do the job the way you want it done, regardless of weather, load, type of manure, or field conditions.



SINGLE BEATER ATTACHMENTS

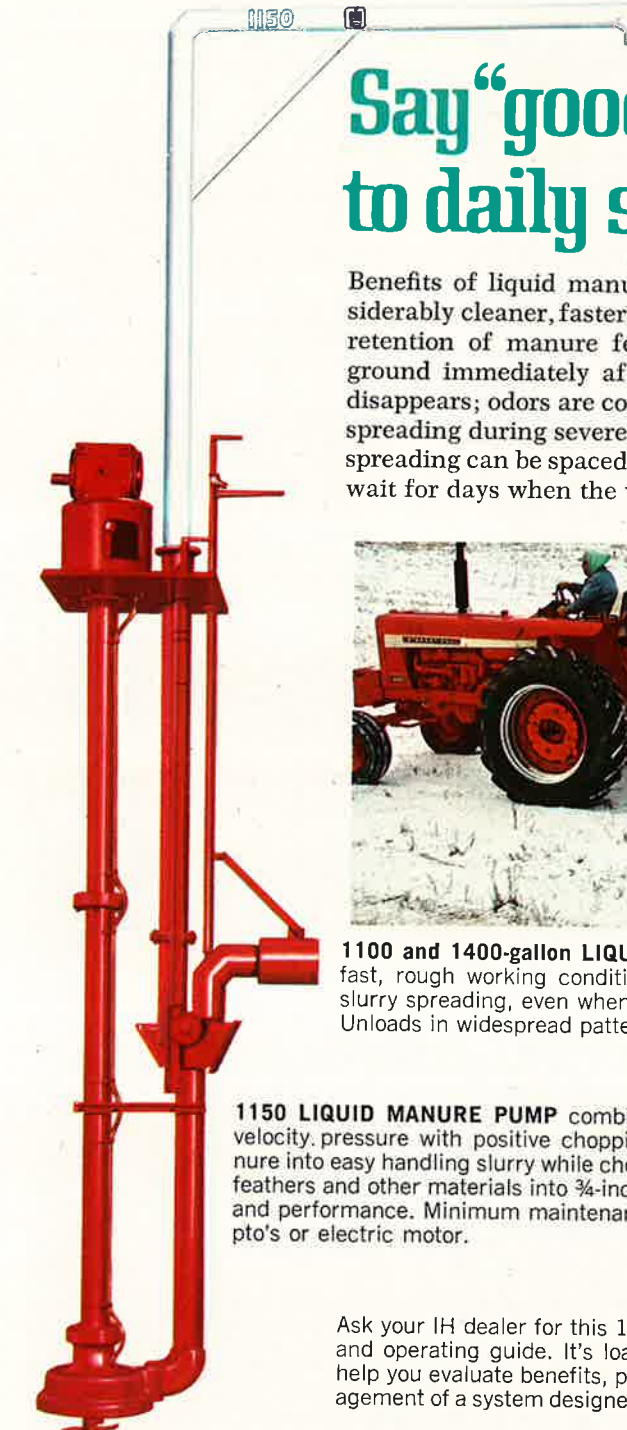
Upper beater gives you especially fine, more uniform spread pattern; handles big loads without spilling.

Slurry pan lets you take cleaner barnyards and roadways for granted.



Forage box and bunk feeder for the 275 and 320 makes these spreaders dual purpose machines. Get up to eight tons capacity with extra fast and convenient unloading. These attachments provide additional utility and operating economy to the operator who wants maximum value for his dollar. (For forage use only.)

GROUND DRIVE 3-BEATER with spiral or paddle-type widespread—With 75 and 100-bushel capacities, these spreaders are ideal for smaller size herds, and to chicken and pig operations where volume of manure is not great. Easy to maneuver and load, simple and economical to operate and service. Balanced design provides light draft, plenty of traction.



Say "good by" to daily spreading

Benefits of liquid manure handling include: reduced labor, considerably cleaner, faster, and far more convenient handling; higher retention of manure fertilizer value; liquids start working into ground immediately after spreading, the fly problem practically disappears; odors are considerably reduced. And daily spreading or spreading during severe weather are completely eliminated because spreading can be spaced 30, 60, 90, or more days apart. Or, you can wait for days when the wind is blowing away from neighbors.

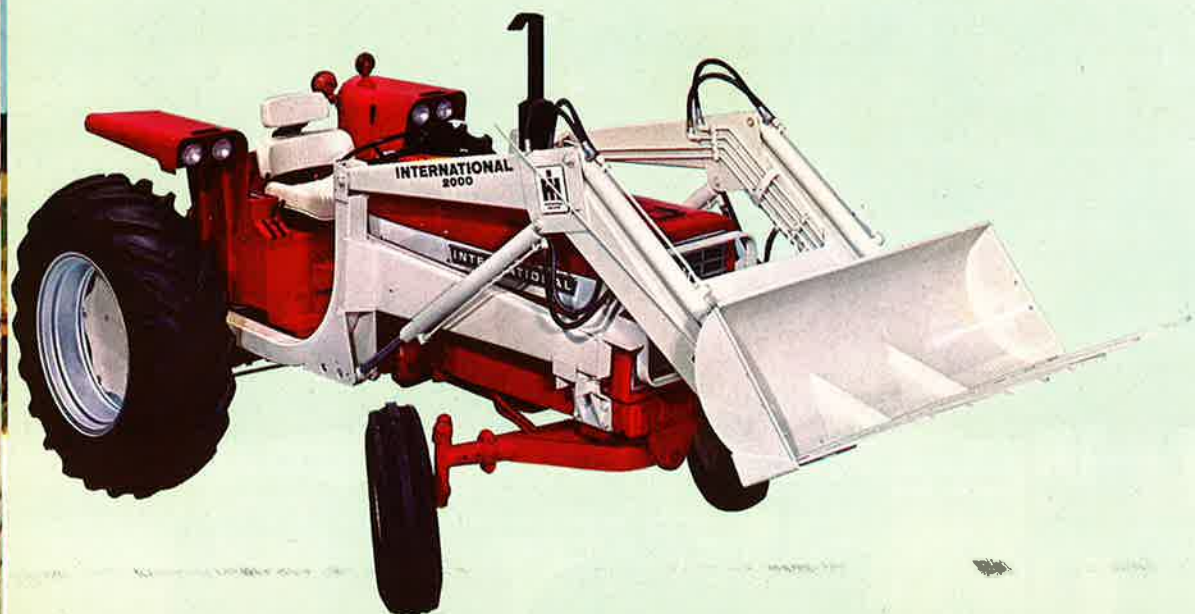


1100 and 1400-gallon LIQUID MANURE SPREADERS are sturdily built for fast, rough working conditions. Full-length auger-spinner assures uniform slurry spreading, even when going up or down hills with nearly empty tank. Unloads in widespread pattern in minutes.

1150 LIQUID MANURE PUMP combines high-volume and high-velocity pressure with positive chopping action. Recirculates manure into easy handling slurry while chopping bedding, feed wastes, feathers and other materials into 3/4-inch bits. Exceptional reliability and performance. Minimum maintenance. For 540 and 1,000 rpm pto's or electric motor.

Ask your IH dealer for this 16-page liquid manure planning and operating guide. It's loaded with information that will help you evaluate benefits, plan sufficient storage and management of a system designed for your particular conditions.





International tractor-mounted loaders give you more work power

2000 LOADER, built to industrial standards, handles heaviest farm loading jobs. Huge 60-inch 9-tine manure fork rips out heaping loads of manure . . . speeds up big loading operations. Breakaway capacity up to 4010 pounds, lift capacity to full height up to 2330 pounds. The rugged full-length box-beam subframe soaks up shock and stress of heavy duty loading and mig welded box-beam lift arms provide maximum strength with minimum weight. Long-life hydraulic cylinders have Teflon piston rings and seals for superior oil seal and reduced maintenance. The 2000 loader mounts on Farmall 856, 756, 656, 806, 706, 560, and 460 tractors . . . International 656, 606, 544, 504, 460, and 340 tractors.

2001 LOADER

Has plenty of muscle to get farm chores done quickly. It has the same rugged design as the husky 2000 loader — bridge-strong, box-beam lift arms and subframe, extra-large pins fitted with lubricated, replaceable bushings at all pivot points, oil-tight hydraulic steel tubing and wire-braid reinforced connecting hose. Attachments include a 40-inch 6-tine manure fork, tine cover, 80-inch tine extension cover, materials bucket, spill guard, and blade. Breakaway capacity is 4300 lb., lift capacity to full height is 2575 lb. depending on tractor, tires and cylinders. Fits Farmall 656, 560, 460, 450, 350, 300, 544, Super M M, Super H, and H tractors . . . International 656, 606, 544, 504, 460, 444, 424, 404, and 340 tractors.

1701 LOADER

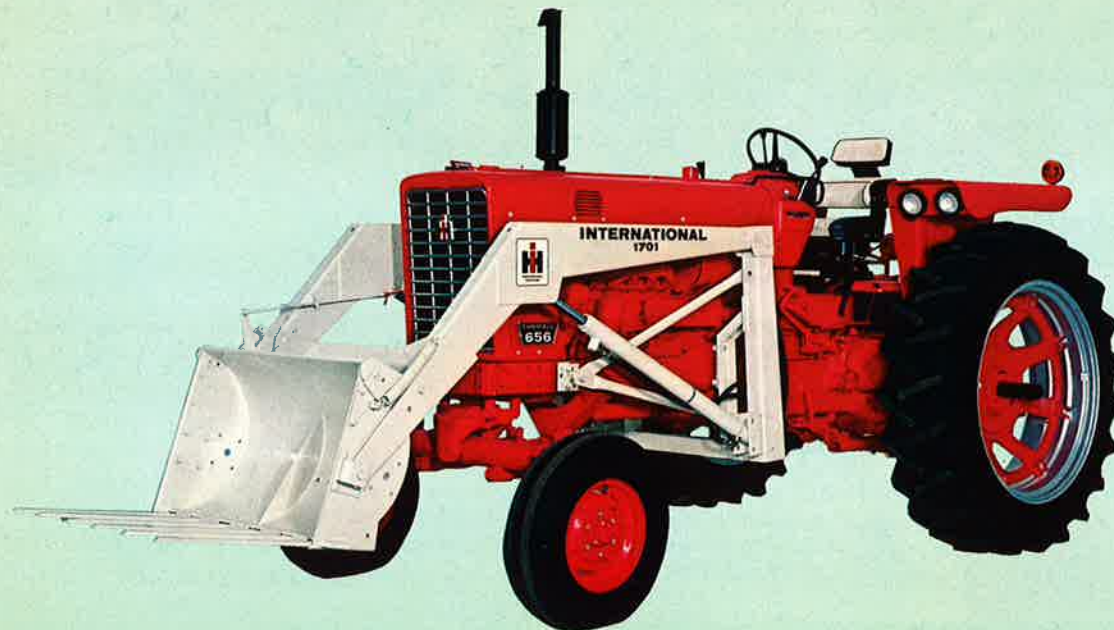
Here's an all-purpose, moderately-priced loader that gives you up to 4300 pounds breakaway capacity and up to 2575 pounds of lift capacity to full height. With the 1701 and your IH tractor you've got an unbeatable combination that will more than pay its way in work and time saved. The 1701 loader features a rugged mounting frame, mig welded box beam lift arms, long life hydraulic cylinders with Teflon piston rings and seals, steel tube hydraulic lines, and extra-large pivot pins. Handy attachments include a 40-inch 5 or 6-tine manure fork, tine cover, 80-inch tine cover extension, materials bucket, and a 72 or 78-inch blade. Mounts on Farmall 656, 560, 544, 504, and 460 tractors . . . International 656 and 544 tractors.

1501 LOADER teams with International compact-type tractors to form a low profile outfit which is ideal for working in low barns and sheds, around feed lots, and other cramped quarters. This inexpensive loader has many of the same top-quality features you'll find in the larger International loaders. A wide variety of interchangeable attachments—manure fork, tine cover, materials bucket, snow bucket, spill guard, blade—are available to increase your work capacity. Choose hydraulic or mechanical dump. The 1501 fits the International 444, 424, B-275, and B-414 tractors.





INTERNATIONAL REAR MOUNTED BLADES speed up feed lot clean-up, ditching, scraping, leveling, and snow removal. Save time . . . keep costs low, team up a work-saving International blade with your IH tractor and loader. Blades can be easily angled to the right or left . . . rotated on the frame for back filling . . . tilted and pitched to match the job. Blades are available with one-point Fast-Hitch, two-point Fast-Hitch, Category I and II three-point hitch.



VERSATILE PLATFORM CARRIER. Haul fence posts, tools, tile, milk cans, bags of seed and feed, fertilizer . . . nearly anything you can name . . . quickly and easily. Pockets on rear edge of carrier hold stakes . . . let you haul a full load. Platform lowers to ground for easy loading . . . lifts with tractor hitch. Available with or without boards . . . one-point, two-point, or three-point hitch.



Versatile and accurate

for wide range of spreading requirements

7 FERTILIZER DISTRIBUTOR — Three big features assure positive free flow: (1) sloping hopper sides funnel material down to feed wheels; (2) agitators on feed shaft break up and force material to feed wheels; and (3) feed wheels extend down into feed openings to force fertilizer through in a positive flow. For easy cleaning, the hopper bottom is easily removed. A clutch is provided in wheel hubs to disengage the feed shaft for transport. The No. 7 comes in 8, 10 and 12-foot lengths, and holds 1¾ cubic feet of fertilizer per foot of hopper. It spreads from 50 to 4,000 lbs. per acre.



High-speed, precision potato planting

With the International 950 Potato Planters you'll get the kind of planting performance you need to boost yields and profits. They're designed for both speed (up to 7 mph) and accuracy. Seeds can be spaced accurately from 2 inches to 30 inches apart. Fertilizer can be applied accurately from 100 pounds to over 5000 pounds per acre.

The International 4-row model handles 34 bushels of seed or up to 64 bushels with extensions... and 2000 pounds of fertilizer per hopper or up to 3960 pounds with extensions. Row spacings can be adjusted from 34 to 40-inch row centers.

The 2-row model handles 17 bushels of seed or 32 bushels with extensions. Row spacings can be adjusted from 32 to 40-inch row centers.

These dependable potato planters feature an adjustable, rugged frame; adjustable hitch height; cam roller picker arms for smooth action, longer life; seed hoppers and fertilizer hoppers that tilt for easier servicing; 16-arm picker wheels; and a stainless steel fertilizer belt that resists corrosion and provides accurate metering of fertilizer.



950 four-row potato planter



950 two-row potato planter

80 ROD WEEDER. High gooseneck shanks with rounded edges provide full 20-inch clearance to handle heaviest trash. Extra-rugged, slim-line center-drive boot reduces draft, cuts cost of tractor power. Extra-strong frame is built for heaviest rodding. Choice of 7/8" or 1-inch square rod, pneumatic or steel wheels. Available in 10½, 12 or 14-foot sizes.



Hi-Clear Sprayers

**with a wide range
of attachments.**

International now offers a more complete line of Hi-Clear Sprayers and Attachments to meet a wide range of crops and applications in most areas.

The **660 Hi-Clear** with a wheel tread for 38 to 42 inch rows, and a crop clearance of 60 inches, is now better and more versatile than ever. And, like the 770 and 780, it can now be equipped with the attachments at the right to spread its use over more crops, more acres.

The **NEW 770 Hi-Clear** is designed for working in 30 to 40 inch row spacings without wheel tread adjustment. It has a crop clearance of 68 inches. And it is equipped with big 11.20x38-4 rear drive wheel tires for unmatched flotation, and stability.

The **NEW 780 Hi-Clear** is designed for 38 to 42 inch row spacings. With a crop clearance of 68 inches it fills the need for corn, and extremely tall rank cotton. And like the 770 it has big 11.26x38-4 tires for positive traction in soft fields.

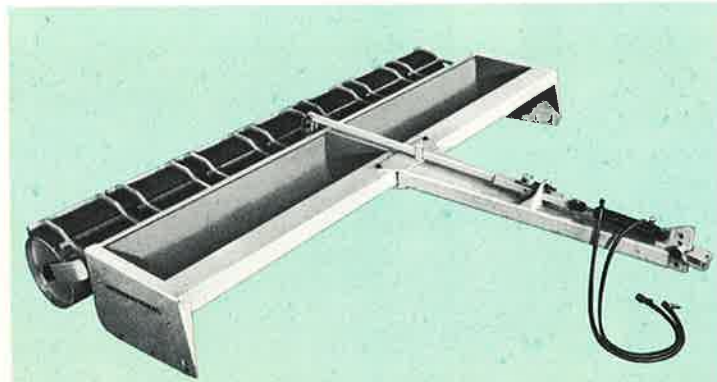
- Directed-Spray Units
- Hand Gun
- Filler Hose Bracket
- Deluxe Seat
- Sweet Corn Drops
- Center Boom Extension
- Boom Leveler
- Select Boom Fold
- Heavy Duty Spring Drops
- Power-Take-Off
- High Pressure Spray System
- Metering Pump
- Flow Divider
- Dribble Applicator
- General Purpose Boom Extension
- Defoliation Boom
- Hydraulic Boom Fold
- Boom Drops
- Boom Height Control (660 only)



30 TELESCOPING LANDLEVELER has a full working length of 33 feet 6 inches with the smoother down—long enough to do a top job of leveling. Telescopes hydraulically to 26 feet 6 inches with smoother raised for extra short turns and reduced headlands. Bowl available in 9½ or 12-foot widths. Wheels run behind the bowl . . . lets you cut right up to trees, fences, and borders. Sturdy jack for fast, easy hitching or locking up the roller dolly for transporting.



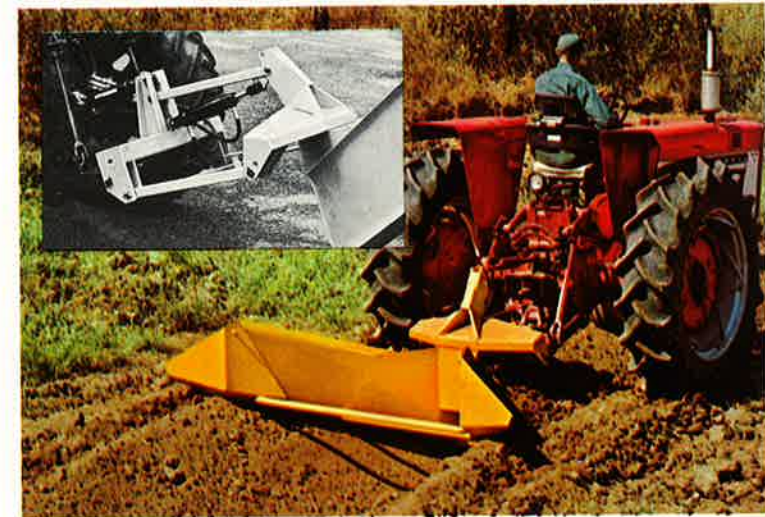
50 AND 80 BOX SCRAPERS are ideal for light-duty scraping, landscaping, and leveling. The six-foot No. 50 is designed for tractors up to 58 hp range with Category I three-point hitch. The husky No. 80 is an eight-foot scraper for use with tractors equipped with Category II three-point hitch.



100 TRAILING SCRAPER is available in 8, 10, 12, and 14-foot widths with either rollers or wheels. When equipped with rollers (left), the 100 scraper levels and firms the soil making it an ideal tool for preparing orchards and vineyards for mechanical harvesting. Rollers can be filled with water for additional soil compaction. When equipped with wheels behind the bowl (right) it excels in general scraping or leveling. Attach the wheels to the side of the bowl and you have a quick dumping scraper for building borders and working in confined areas.



2 TRAILING DITCHER features a new concept in moldboard design that allows soil to crumble and "flow" easily as it moves up the sides. The ditcher point and the tapered, reversible cutting edges have been designed to cut the ground rather than scrape. Available in 5, 6, or 7-foot sizes.



30, 40, 70, 140 & 400—CENTER REACH, AUTO-TYPE STEER.

Five models with similar design, but of different size and ruggedness to fit a variety of load requirements.



30—Lightest in the line, this one's the economy champ. Hauls 100 to 130-bushel loads.

400 — Extra heavy-duty model with big 10-ton capacity. The ideal trailer for high-capacity power-unloading wagons and grain boxes.



100 FLEXI-FRAME, AUTO-TYPE STEER—Heavy-duty flexi-frame lets each wheel follow the ground contour with knee-action smoothness—has 7-inch channel sills and 4-foot sill extensions. Hinge and box stops permit dumping platforms and boxes.



141 CENTER REACH, FIFTH-WHEEL STEER — A heavy-duty trailer with high clearance axle design and extra good maneuverability.

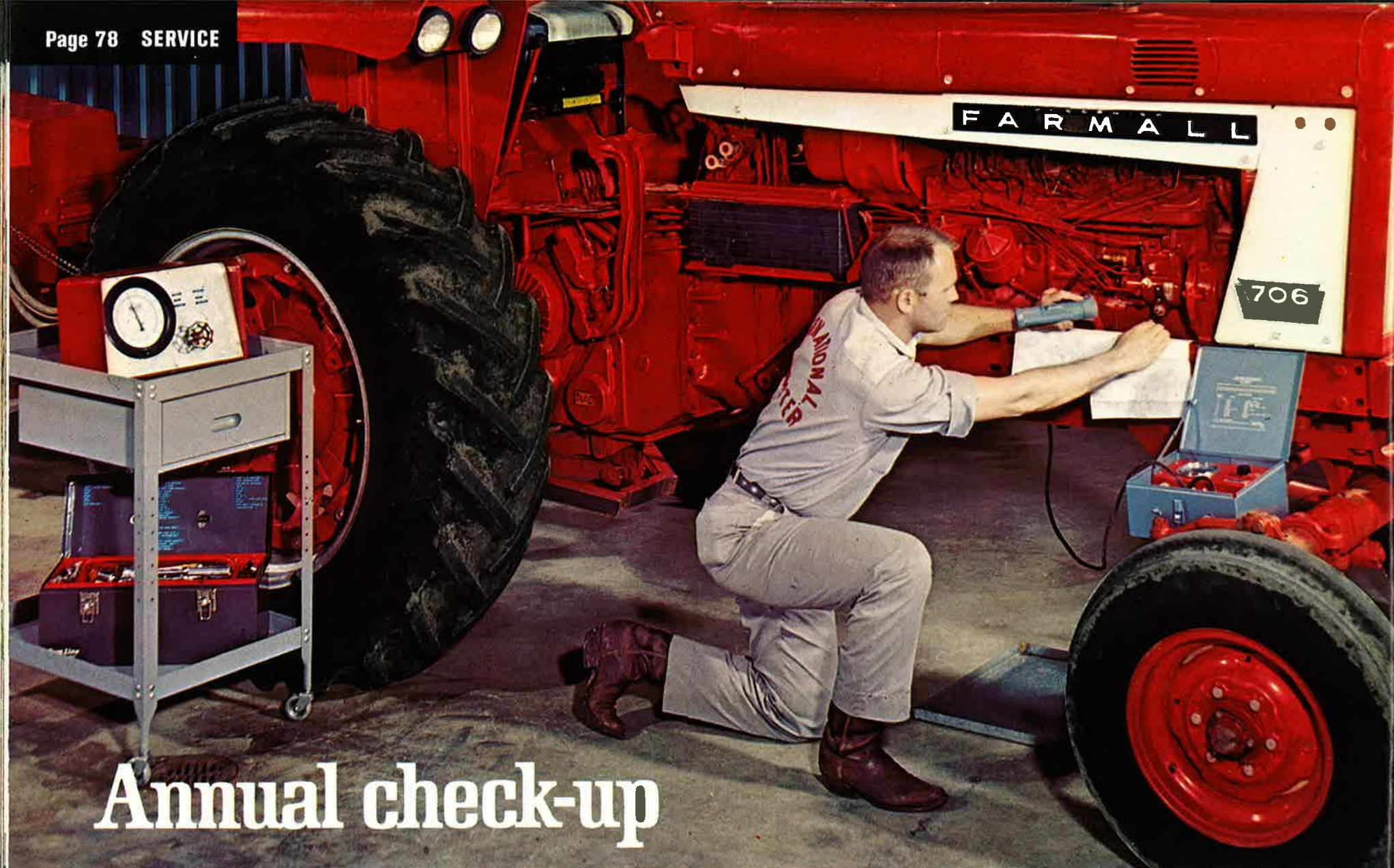
TELESCOPING HITCH, optional for all IH auto-type steer trailers except the 30. Provides selective operating lengths of 77, 87, 101 or 111-inches—extends freely (up to 120 in.) for convenient hook-up. Relatches automatically by backing tractor.

A size and type handy for any hauling job

Select the unit that fits . . . normal load capacities range from 9,000 to 20,000 lb. They're all extra strong for modern high-speed hauling . . . feature welded, all-steel construction for stay-tight service and true-trailing performance.

Dual capacity ratings. Normal use is the load capacity that can be handled under normal field conditions at reasonable speeds. Severe use is the maximum load recommended for hauling over rough ground at higher than normal speeds.

Model No.	30	40	70	140	400	100	141
Capacity Normal use, lb.	9,000	11,000	13,000	17,000	20,000	12,000	17,000
Capacity Severe use, lb.	6,000	8,000	10,000	14,000	—	10,000	14,000
Width, overall, in.	69	69	79	82	85	78	80
Wheel tread, in.	62	62	72	72	72	70	72
Wheelbase—Std. reach in.	67-121	78-120	78-120	84-132	120,132,150	84¾-120¾	78-120
Telescoping, reach in.	67-115	78-120	78-120	—		—	—
Extended reach in.	103-157	108-168	108-168	126-180		—	126-168
Cotton Special, feet.	18	18	18	18	—	—	18
Std. reach pole diam., in.	2¾	2¾	2¾	3½	5½	—	3½
Wheel spindle diam., in.	1½	1¾	1¾	2	2½	1¾	2
Bolster stake width, in.	38-42	38-42	38-42	38-42	42	38-42	38-42
Std. wheels & rim sizes	15-4SKDC	15-5K	15-5K	16-5.50K	WH7B-20	15-5K	16-5.50G
Optional wheels, rim sizes	14-5J	14-5K 16-5.50F	14-5K 16-5.50F	—	WH10L-16	14-5K	—
Weight (less tires & tubes)	366	430	478	625	868	500	722



Annual check-up

The owner of this tractor is getting his annual check-up . . . he is making sure he'll be ready to go when spring work calls him.

You, too, can benefit from the modern tools and special equipment we're so proud of at our full-service dealership. They help us put your equipment in top operating condition quickly and at lowest possible cost.

Our factory-trained service technicians are the only ones in the area with the know-how and service information on IH equipment.

Come in . . . let us get *you* ready to go.

**Your International Harvester
Dealer Service Center**

Picked out your new equipment?

IHCC will help you buy it now!

New International Harvester equipment can cut operating costs, reduce down time. It can help you plant and grow better crops . . . help you harvest more of your crop, faster and in better condition.

Ask your IH dealer how you can buy the equipment you want now through an IHCC finance plan, tailored to your income and operating needs.

- Prompt, confidential treatment
- Moderate down payments
- Reasonable finance charges
- Life and physical damage insurance included, where applicable



**INTERNATIONAL HARVESTER
CREDIT CORPORATION**



Our pledge to you...

**IH. NEW
EQUIPMENT**

Warranty

International Harvester Company warrants to the original purchaser each item of new farm and industrial equipment bearing either the identification "McCormick" or "International," or a combination thereof, to be free from defects in material and workmanship under normal use and service. The obligation of the Company under this warranty is limited to repairing or replacing as the Company may elect, free of charge and without charge for installation, at the place of business of a dealer of the Company authorized to handle the equipment covered by this warranty, any parts that prove, in the Company's judgment, to be defective in material or workmanship within twelve months or 1500* hours of use, whichever occurs first, after delivery to the original purchaser.

This warranty shall not apply (1) to normal maintenance services or adjustments, including but not limited to fuel system cleaning, engine tune-up, brake inspection or adjustment, nor to the replacement of spark plugs, ignition points, condensers or filters when such replacements are made as a part of any normal maintenance service; nor (2) any items which shall have been repaired, altered, neglected, or used in any way which, in the Company's opinion, adversely affects its performance.

This warranty and the Company's obligation thereunder is in lieu of all warranties, express or implied, including without limitation, the implied warranties of merchantability and fitness for particular purpose, all other representations to the original purchaser and all other obligations or liabilities, including liability for incidental and consequential damages on the part of the Company or the seller with respect to the sale or use of the items warranted.

International Harvester Company makes no representations or warranties of any character as to tires and tubes nor to any item of new equipment not specifically covered by the first paragraph of this warranty, whether or not sold on or for use with such warranted items.

No person is authorized to give any other warranties or to assume any other liability on the Company's behalf unless made or assumed in writing by the Company, and no person is authorized to give any warranties or to assume any liabilities on the seller's behalf unless made or assumed in writing by the seller.

*2000 hours on a crawler tractor with 65 or more net flywheel horsepower.

INTERNATIONAL HARVESTER COMPANY

When you purchase new International Farm Equipment you automatically receive this warranty. It is, in effect, a pledge by International Harvester Company that the equipment you have purchased has passed established standards of quality to protect your investment from any failures caused by defects in materials or workmanship under normal operation and care, for one year, or 1,500 hours . . . whichever occurs first.

As your authorized International Harvester Dealer, we are ready and qualified to honor our pledge with the finest service facilities available. But even more important, you'll find that you can depend on us for friendly advice and assistance long after your warranty has expired. We don't forget our customers, nor do they become mere statistics once the sale has been made. On the contrary, serving our customers *after* they have purchased has been the foundation upon which we have successfully built our business throughout the years.

In this pursuit, we have access to one of the largest replacement parts inventories in the industry—each part manufactured to equal the quality of the original part it is to replace, and each is competitively priced for savings. In addition, our servicemen are factory trained in every phase of International Harvester Equipment maintenance—further assurance that your problems will be met with fast, efficient, and economical solutions.

We hope you will keep this in mind the next time you're in the market for our services, whatever the reason—large or small. For as your International Harvester Equipment Dealer we have but one ambition, and that is, to be of service to you—by offering you *quality equipment, quality parts, and quality service* . . . each designed to help the other to help you.

YOUR INTERNATIONAL HARVESTER DEALER

 ***First to serve the farmer***

You can, of course, fill in this coupon and give it to your IH Dealer to get the brochures you want.

Now is the time

to stop in and talk it over with your IH Dealer—whatever your plans for the coming season. See what IH has done to make your farming faster, easier, more comfortable, more productive. Get the facts and figures. Have your IH Dealer arrange a demonstration. Why not call him or go see him now!

**Compliments of your
International Harvester
Dealer**



ALBERT HARRISBERGER

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